

ALUMNI NEWS

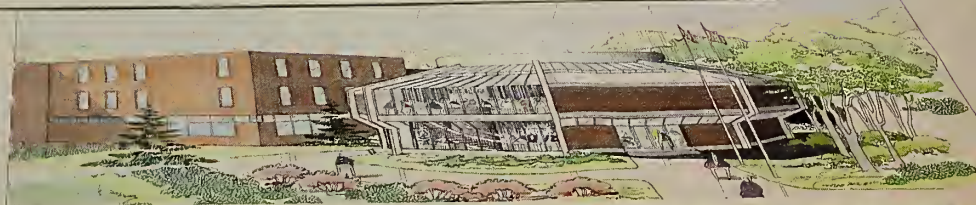
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VOLUME 7, NUMBER 1

SPRING 1987



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ALUMNI NEWS

CARLETON UNIVERSITY

VOLUME 7, NUMBER 1 SPRING 1987



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This Spring, the University is launching The Challenge Fund, a major fundraising campaign. Our cover features artists' sketches of the buildings that will be funded by the Campaign. A special 8-page feature on the Campaign and its objectives starts on page 13.

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Your views, questions, comments and other suggestions are welcome. Submissions should be addressed to the Editor, Alumni News, at the above address.

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News & Moves. . . Through the Years

More grads "On the Hill." On the cover of our last magazine, we printed a photograph of alumni who work on Parliament Hill. Since then, a few more names have surfaced. We're happy to include them here, with apologies to anyone we still might have missed. From the Information and Reference Branch, Library of Parliament, **William Stiles**, BA/72, **Trina Powell**, BA/78, **Bonnie Campbell**, BA/73, BJ/74, **Linda MacLean**, BA/77, **Norma Gauld**, BAHons/72, **Jeanette Maret**, BA/68, and **Janet Brook** BA/77. From the Technical Services Branch, Library of Parliament, **Eleanor McSheffrey**, BAHons/80. And from the Research Branch, there's **Debra Wright**, BAHons/82, **William Patterson**, MA /70, **Wolf Koerner**, PhD/83, and **Bill Sheridan**, BA/77, MA/81. **Jim Phillips**, BSc/61, is the Manager of the OASIS System, and **Jacques Sabourin**, MA/71, is Director, Parliamentary Reporting and Distribution, and Acting Principal Clerk, Committees.

Mention Français

Carleton students will soon be able to take some of their courses in French and get a special notation on their diploma when they graduate.

A new program, called "Mention français," was approved by the University Senate in December. Its aim is to train undergraduates to work in French in their area of specialty.

"This is a first for Canada," says Naomi Griffiths, Dean of Arts.

Other universities have encouraged bilingualism in a variety of ways, but Carleton is the first to aim for functional competence in French in a student's chosen discipline.

The program is partly in response to the needs of students entering Carleton from French immersion high schools.

"We're probably living in the city in Canada with the largest number of French immersion students," says Tom Ryan, Vice-President (Academic).

"We felt that we should really be offering something to these students so that they could maintain or improve the level of French that they had developed through their high school programs."

But this is not the only motive for creating Mention français. It's part of a broader belief in learning about Canadian culture.

"A university ought to be a place where the nature of a country is reflected in the way that it looks at human experience," says Dean Griffiths.

"It seems to me (the Mention français) is one of the most positive responses to this question of how to present the other culture in the learning and research process."

Mention français is not the same as a degree in French. That option is still available to students wishing to specialize in French language and literature.

Instead, the new program is designed for students in other disciplines who are able to work in French at a first-year university level. The Department of French will screen students before they begin.

The Mention français consists of three or four courses, depending on whether the student is taking a three-year majors or four-year honours program. Majors students will take one French language credit in their first year, one course in French culture and history in their second year, and one credit in their own subject area, taught in French, in their last year.

Honours students will meet these requirements and do a research project or essay in French in their fourth year.

Dean Griffiths is proud of the new program.

"We are going to attempt to ensure that for those students who want it, we will try to give them the skill of working within their discipline in the other official language," she says.



Governor-General Jeanne Sauvé meets with Professor Jean Jacques van Vlassalaer before the performance of *Le Misanthrope*, which he produced for Francophonie Week this winter. The Governor-General became an honorary graduate of the University earlier in the fall, when she was awarded an Honorary Doctor of Laws degree.

Technology Transfers

On February 27, 1987, Carleton signed a 15-year agreement with Paracel Laboratories Limited, Ottawa, to transfer the rights to use a cloth-based enzyme immunoassay technique developed at Carleton.

The technique was developed by Professor Hiroshi Yamazaki and graduate student Burton Blais of the Department of Biology.

Their discovery facilitates the detection of microbial pathogens, and will be marketed by Paracel in a kit to farmers to enable them to look for the presence of disease in their livestock.

The new test is more direct than previous diagnoses in the field of animal medicine because it detects the presence of pathogens, rather than antibodies.

Brucella detection has already been developed by the Carleton researchers, and according to Dr. Yamazaki, "the technology should be applicable to any other disease, including Salmonella."

In the test, the presence of pathogens is detected by colour change in liquid.

"The actual technology is 10 years old," says Dr. Yamazaki.

"My contribution is to use cloth as an absorber of antibodies for this enzyme immunoassay, instead of the current use of a flat surface."

"This accommodates much larger samples, and accelerates the rate of the immuno-reaction."

Branko Peterman, Carleton's Commercial Development Officer, was responsible for negotiating the terms and conditions of the contract signed with Paracel. He calls the multi-year project "a significant breakthrough in existing technology," adding that Carleton has started the patent procedure.

Dr. Peterman arrived at Carleton in August 1986 through a program funded by the

provincial government's Innovation Ontario Corporation.

The Corporation provides three years of funding to Ontario post-secondary institutions to encourage links between university researchers and the private sector.

The agreement with Paracel is one of several that have involved Dr. Peterman.

He assisted in the negotiation of an agreement, signed in December 1986, between Carleton and Arctec Canada Limited to transfer a software package developed by Professor John Goldak. The software, which took 10 years to develop, will be used by Arctec to simulate the behaviour of materials under extreme conditions.

Earlier this year, Dr. Peterman assisted Engineering Professor Abd El Halim with the commercial development of an invention for compacting asphalt.

Professor Halim's invention, patented by Carleton, reduces the number of small holes and cracks in asphalt surfaces which grow into potholes.

It was described by William Phang, Head of Pavement and Roadway, Ontario Ministry of Transportation and Communications, as "a quantum jump in the properties of the finished product that can lead to improved durability and the minimization of premature distresses due to the environment forces."

MacFarland Construction, a local asphalt pavement contractor (and a division of the worldwide construction company Wimpey Limited), and Fekab Development Inc. (Professor Halim is one of the principals of Fekab), have signed an agreement to develop a full-size compaction machine according to Professor Halim's design.

Fekab and Carleton will receive royalties each time the machine is used.

Davie Dunton Remembered

One of the pivotal figures in Carleton's growth and development, Arnold Davidson Dunton, died in hospital in Ottawa on February 7, 1987, at the age of 74.

President of Carleton from 1958-1972, Mr. Dunton was Carleton's fourth and longest serving President, presiding over an era of incredible growth. Virtually the entire Carleton campus as it now exists was built during his term as President. More than 10,000 students graduated, compared to 1,200 students in the years previous.

"Mr. Dunton led the University through turbulent times, and gave a remarkable example of civility, which muted conflict and channeled the forces at work to productive ends," said President William Beckel.

"He had grace, wit, and strong intellectual powers. He will be long remembered."

Mr. Dunton will also be remembered as a great Canadian. Wrote *Ottawa Citizen* editor, Keith Spicer, "He proved Canadians can be decent, pacific and creative without being grey or spineless."

Born in Montreal in 1912, he was educated at McGill, the University of Grenoble in France, Cambridge in England, and the University of Munich, but never earned a degree.

He started his career as a writer with *the Montreal Star* in the '30s, and by age 26, was the editor of the *Montreal Standard*.

During the war, he served as General Manager of the Information Board for Canada, and then went on to serve as Chairman of the Canadian Broadcasting Commission, a post he held for 13 years before becoming President of Carleton.

While President, Mr. Dunton co-chaired the epoch-making Bilingual and Bicultural Commission with André Laurendau. Again to borrow from Keith Spicer, "They identified what was different in each of us and, by protecting it, helped us see what could be the same for all of us: a country, an ethos, a civilization."

Mr. Dunton's term as President ended in 1972, but he and the University he had led for so long were inseparable.

He was appointed Director of the Institute of Canadian Studies, and following his retirement from that post in 1978, continued as a Fellow of the Institute.

At a memorial service held on the campus on February 13, Richard Clippingdale, current Director of Canadian Studies, remarked, "As Fellow, in our interdisciplinary seminar

on 'Modern Concepts of Canada,' he still had so much to teach us about how we should regard our country, study it and serve it with generosity, pride and tolerance. Only two weeks ago, he was his traditional vigorous self in an MA thesis oral."

Mr. Dunton was fondly remembered by Stuart Adam, BJ/63, MA/67, current Director of the School of Journalism, speaking on behalf of the University's graduates at the



memorial service.

"There was no doubt that this was Mr. Dunton's place," he said.

"The optimism, the politics, the feelings of kinship, were a reflection of his personality. He presided over a university and student body which was lively and fun, and which had more than its share of awards and distinctions. . .

"We cherish those days. Carleton was a very happy place — at least our memories of it are happy — and the handsome, courteous and friendly president was a principal source of the happiness which memory now captures."

Munro Beattie, Emeritus Professor of English, and at the time of Mr. Dunton's presidency, Chairman of English and Provost of Residences, remembered finding in Davie Dunton "an extraordinary fusion of the administrator and the man.

"It was a pleasure doing business with him because one derived benefit not only from his wisdom and experience, but also from his charm and kindness."

As Don McEown, Secretary of the Board of Governors remarked on behalf of the University's staff, "To all the University, Mr. Dunton gave equal opportunity to be listened to, be it gardener, student, governor or Chancellor. . . He cared about people and he worked hard at knowing all who were at the University."

Of his years at Carleton, Mr. Dunton himself once said, "These have been enthralling stimulating and satisfying years — years of constant learning and endless variety."

Mr. Dunton was recognized by his peers for his outstanding contributions to Canadian life. He was named a Companion of the Order of Canada in 1970, and awarded eight honorary degrees from other Canadian universities. He was awarded an honorary degree from Carleton when he stepped down as President in 1972.

He served as President of the Association of Universities and Colleges from 1970-72, and was the first Chairman of the Ontario Press Council from 1973-82.

In April, Carleton will name the 23-storey Arts Tower the Davidson Dunton Tower. Vice-President (Academic) Tom Ryan noted at the memorial service that Mr. Dunton had written to say he was honoured by the recognition and looked forward to participating in the event.

"It will now go on without him," said Professor Ryan.

"More importantly, we can bring into our teaching, research and administration the qualities he respected and exemplified. Sound scholarship, enquiring mind, tolerance, civility, clarity of thought and expression, readiness to try and understand the motives of others.

"These were attributes of Davie Dunton which, as we remember him, we owe it to him not to forget."

Mr. Dunton's widow, Kathleen, died on March 9, just 30 days later. They are survived by two daughters, Darcy and Deborah, and a grandson, Julius.

Contributions to a memorial fund in memory of Mr. Dunton may be made, care of: Development and Alumni Services, Carleton University, Ottawa, Ontario, K1S 5B6.

Great Year for Varsity Teams

"A great season, never a better one in fact," is the way Director of Athletics Keith Harris sums up the varsity sports scene for the Fall of '86. Some highlights? From the director's point of view, almost too many to count:

Great crowds at the football games, entertaining ball and a conference-leading team; the soccer Ravens in contention; the unexpected success of the young and rebuilding waterpolo team; a new women's soccer club with 60 contenders for the team; a good turnout for the Robins field hockey team, and an improved record over last year.

"The campus was really a lively, exciting place during the fall weekends," says Mr. Harris.

"Sometimes there were three or four games going all at the same time on a Saturday afternoon: football on the main field, rugby nearby, and one or more intramural leagues in play as well."

Here are some of the highlights from the various fall varsity programs.

Football

The football Ravens finished first for the first time ever in conference play, with a six and one record in regular season play.

Though sparked by the outstanding performance of tailback, Mark Brown, the football Ravens' success was recognizably a team effort. In fact, the team almost made a habit of second-half heroics that kept fans at the edge of their seats.

Last year's CIAU Rookie-of-the-Year, Mark Brown was named the league's most valuable player in '86.

The agile runner scattered tacklers in his wake as he ran for more than 100 yards per game in nine of the team's 10 games. (In the tenth, he was held to a mere 95 yards.)

Three other players joined Brown on the league's all-star team: offensive lineman Kevin McKerrow; defensive halfback Frank Bastianelli; and wide receiver Joe Barnabe.

The Ravens avenged their only regular season loss, to Ottawa U. in the Panda Game, by beating the Gee Gees 31-15 in the playoff semi-finals, before a crowd of more than 2,500 fans at Raven Field.

It was a major disappointment of the season that quarterback Cam Collins never fully recovered from a 1985 knee injury. Nevertheless, in the final game of the year, and Collins' final game for Carleton, he was able to march the team downfield with two touchdown passes, and a two-point conversion. But it was too little, too late. Bishop's Gaiters took the game, 38-19.

The soccer Ravens ended the season at the top of their conference (OUAA-East) with a record of seven wins, four ties and only one loss — real contenders for the championship and a reflection of the team's basic strength.

Coach Bill Thompson had lots of choice this year, with some 40 aspirants for the team, including both freshmen well experienced in high school and community-league soccer, and Ravens veterans.

The team was ranked third among university teams in the country.

In the key playoff game, the Ravens defeated the Laurentian Voyageurs, a particular source of satisfaction for Carleton since the Voyageurs had put an end to the



Carleton season in two of the previous three years. The Ravens lost the provincial finals in overtime to the Wilfrid Laurier Golden Hawks.

The Ravens had four league all-stars: Sean Holmes, Mike Lanos, John Roumelis and John Videvitch. Defenceman Videvitch was also named to the all-Canadian CIAU second team. Coach Thompson tied with University of Toronto coach Jim Lefkos for OUAA All-Star Coach.

In the future? The expectation is that as many as seven Ravens may turn up next summer in the newly organized Canadian pro soccer league.

Men's Waterpolo

The new head coach, former waterpolo Raven, Brain Goodwin, had his work cut out for him this year.

Relatively speaking, this was a "new team," with only two members of the '85 Ravens returning.

Coach Goodwin's efforts and the team's hard training paid extra dividends, however, with the underdog Carleton team making the OUAA playoffs, held November 22 in the Carleton pool.

The team lost to their traditional rivals, the McMaster Marauders.

Field Hockey

Coach Linda Dalder is very pleased with the Robins' '86 season.

The team had a 3/2/3 record going into the playoffs and, in the playoffs, they lost one and won two games, for a fifth-place finish, up from sixth last year.

The Robins had three players named to the 11-woman Ontario all-star team: Kim Collingwood, in her final year, is a three-time all-star; Shona Brown, who was an all-star in 1984; and rookie, Kris Gingerich.

Coach Sadler will lose five of her seasoned players this year. But she adds she is optimistic about the quality of this year's rookies, noting they improved tremendously over the season.

Rugby

Playing in the OUAA second division, the rugby Ravens ended their 1986 season in third place. This was the first year that the league was structured according to divisions, rather than the east-west orientation that existed previously.

The team's 3/4 record was somewhat improved over last year.

As did other teams in the league, Carleton carried a "second" team to provide back-up for the first team and to field two teams for practice. The second team, which consisted of players all of whom had varsity status, played in an unofficial "league" and narrowly missed the championship.

Women's Soccer

Soccer for women got underway as a club sport this Fall, and interest was riding high.

Sixty women turned out for team try-outs in September.

The Club got a big boost when David Kent arrived in Ottawa and volunteered to coach a women's team at Carleton. Kent has impressive credentials in the world of women's soccer, having been active in creating and building women's programs at three post-secondary institutions in Canada and the U.S.

The team played an ambitious six-game schedule against other university teams and an Ottawa junior team.

Coach Kent was pleased with the team's 2/1/3 record. In fact, he pronounced the year "a complete success," attributable to the eagerness, talent, and dedication of the players.

"Women's soccer could well be the next big varsity sport," says Mr. Harris, "particularly in view of the Athletic Board's commitment to balancing the varsity program in terms of men's and women's teams."



STUDENTS
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A new centre for off-campus students was opened this year in the Unicentre as part of a new initiative to build a sense of community for the thousands of Carleton students who live off-campus. Officiating at the opening ceremony were Alan Macdonald, student vice-president, and Sandi Melville, off-campus students co-ordinator.

Campus Notes

Business Resumé

Students in the School of Business published the first annual resumé book of graduating students this year. The 84-page book includes a photo and employment history of the graduating class, along with a summary of their career interests. David Jardine, President of Carleton Commerce Career Network, the student group which produced the directory, says it was "an unqualified success." Business alumni received advance notice of the publication, and more than 100 requested copies and expressed an interest in the activities of the School. Copies were also distributed to businesses in the Toronto-Ottawa-Montreal triangle.

Comings & Goings

Janice Yalden, Professor of English and Applied Language Studies, has been appointed Dean of Arts for a five and one-half year term, beginning January 1, 1988. Professor Yalden is currently in Belgium as a Visiting Professor, Université de l'Etat à Mons, where she is continuing her research in the area of language use in pluralingual societies. She began her career at Carleton in 1961, and played a major role in the establishment of the Centre for Applied Language Studies. The term of the current Dean of Arts, Naomi Griffiths, will be completed on June 30, 1987. Professor Roger Blockley will serve as Acting Dean in the interim period.

J. Spruce Riordon has been appointed Dean of the Faculty of Science for a further three-year term, beginning July 1, 1987. Professor of Engineering Malcolm Bibby was appointed Associate Dean of Engineering for a three-year term, beginning July 1, 1987.

Richard Clippingdale, Director of the Institute of Canadian Studies, is leaving Carleton to assume the position of Assistant Under Secretary of State for Corporate Policy and Public Affairs for the Government

of Canada. In this position, he will have chief responsibility in Secretary of State for policy research, development, and evaluation.

Mary Huband, BAHons/77, MA/79, has joined the staff of Development and Alumni Services as Development Officer. Her responsibilities include the Alumni Fund, Alumni Weekend and special events, and bequests. Prior to her new role, Mary was the editor of *This Week*, the University's events and news bulletin.

Grant for CEECT

Professor Mary Jane Edwards of the Department of English has received a grant of \$608,000 from the Social Sciences and Humanities Research Council which will allow Carleton's Centre for Editing Early Canadian Texts (CEECT) to continue its work. Under the grant, CEECT has contracted to prepare four to six texts for publication: Thomas Chandler Haliburton's *The Clockmaker*, series 1-3 (1835-1840); Julia Catherine Beckwith Hart's *St. Ursula's Convent* (1824); William Kirby's *The Golden Dog* (1877); Rosanna Eleanor Mullins Leprohon's *Antoinette de Mirecourt* (1864); John Richardson's *The Canadian Brothers* (1840); and Catharine Parr Traill's *The Backwoods of Canada* (1836). Two texts already published by the Centre have been received very positively: Frances Brookes' *The History of Emily Montague*, and Catharine Parr Traill's *Canadian Crusoes*.

Minerals Are Forever

Three Carleton geologists - George Skippen, George Chao, and Dave Watkinson - have achieved scientific immortality by having minerals named in their honour. As Professor Skippen points out, some scientists have comets named after them, while for others it may be some species of animal or bird, but "the recognition that lasts forever is to have a mineral named in your honour." Minerals, of which there are some 4,000 known, are eternal. The Carleton geology professors achieved their recognition

for their contributions to geo-chemistry and crystallography. Professors Skippen and Watkinson received official recognition from the world organization devoted to earth science research, CNRS (the French equivalent of Canada's National Research Council) in March. Dr. Chao, an old hand at immortality, has a little vial of crystals in his office to prove it.

Chaplaincy

In the Summer of '86, the Carleton Ecumenical Chaplaincy hired Neil Hunter as Chaplain. An ordained Baptist minister, formerly with Bethany Baptist Church in Ottawa, Neil has had 16 years' experience in the pastorate. Those who are interested in the Chaplaincy, are invited to drop in and meet Neil in his office, T28 of the Tory Tunnel, or to call him at 564-3636. Interest and support of the Chaplaincy are always encouraged; financial contributions, for which income tax receipts are issued, are welcome and appreciated.

Archives Needs Your Help

The archives collection at Carleton is missing the *Student Directory* and *Handbook*, published in 1976-77 and 1978-79, and the *Student Guide*, (probably titled *The Compass*) for the year 1969-70. If you have any of these publications and are willing to part with them, please send them to: Anne Taylor, Archives, Room 501 MacOdrum Library, Carleton University, Ottawa, Ontario, K1S 5B6.



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Bégin Brings "l'Expérience"

Monique Bégin, former Minister of National Health and Welfare, has a new "portfolio" these days as the first incumbent of the Chair in Women's Studies at Carleton and the University of Ottawa.

She brings with her a rare combination of wit, intelligence and experience that should make her classes a memorable experience for anyone lucky enough to take them. Yet, surprisingly for someone who served as the Executive Secretary for the Royal Commission on the Status of Women and had a hand in the drafting and presentation of its report, Women's Studies is something she never thought of teaching.

"It never even crossed my mind," she says.

Obviously, though, it crossed the minds of many university administrators and academics, since every one that received funding for a Women's Studies Chair from the Secretary of State invited her to accept it.

Carleton and the University of Ottawa were first, though. She still recalls the day she had to give a demonstration lecture when she was being considered.

"I didn't know the world of women's studies," she says. "I hadn't the faintest idea what a university curriculum in the subject was.

"I went home thinking it was the worst day of my life; I was so depressed."

The first order of business on her agenda, once she accepted the post, was to go out and buy \$400 worth of books.

"I enjoyed them," she says. "Some were very interesting, and put words to my impressions and feelings I've had."

Now, she speaks of women's studies with an air of authority and an incredible ability to synthesize different approaches and apply them to her own experiences.

There are essentially three different approaches to women's studies, she says.

One is to work within the original disciplines and add to them an inventory of women's roles and experiences. She gives an example from geography that particularly appealed to her, suggesting that women's relation to space has been conditioned by the official roles society has given them.

Another approach, which she says she enjoys tremendously, is "deconstruction." Instead of adding an inventory of women's experience within a discipline, it borrows from various disciplines to examine central issues.

"The word says it all," she explains. "It puts into question every supposed truth established over the centuries by people like Freud, Darwin, and so on.

"You see that, in all good faith, the greatest names in the development of



Monique Bégin

Western thought have been men, who evolved their theories from male points of view without even considering women."

The third approach, which she admits, "I haven't understood," is "reconstruction."

"Some feminist authors are satisfied with an explanation that the whole problem faced by women is patriarchy as a social system," she explains. "When you kill patriarchy, you solve the problem.

"Personally, I'm nervous about theories. It's too easy for them to become doctrines and ideologies, and to start making reality fit the theory."

Her own sense is to see things in an "evolutionary" way.

"For me feminism means better opportunities. It's a problem of civilization. . . social change is happening all the time."

She uses her own experience to make insightful observations about change and what really constitutes women's problems.

"Many women assume that politics is biased against them," she says. "That's not true; it's biased against any group that wasn't in politics before.

"It discriminates against young people, and it used to discriminate against blue collar workers."

The lesson she draws from this is that "It's important to distinguish what is strictly negative against women, from what is negative against a broad range of groups in society."

She's willing and quite able to take on anyone who considers women's studies as not being a legitimate discipline.

"If you want to teach women and health, you must have your students know full well the health system," she says. "You must always have something to start from; then you must never lose track of what structurally affects women."

She admits, though, that "it's more

threatening because you realize certain "universal truths" aren't universal at all.

"It's threatening because it affects your life and you can't divorce yourself from it. You become a troublemaker, but in the best sense of the word."

Asked if she would take women's studies if she were starting university again, she hesitates a moment then, without any hint of uncertainty, says yes, at the Masters level she would.

She recalls starting university in 1958 in Montreal.

"Women's studies didn't exist. . . the Quiet Revolution hadn't really started. . . There were only two girls in my class. I didn't have one woman professor, there were no role models for me."

She says she created a study group at her friend's home. "All the boys came too, and we made every one of them read Simone de Beauvoir.

"I think of that today. It was crazy, not feminist. I had no sense of knowing what I was doing in a systematic way.

"We discussed the book for three weeks. It wasn't even on our curriculum."

She says "nobody taught me to be a feminist.

"I became one naturally because I thought it was very unjust the way women had been treated. What a waste not to enrich society with women's contributions."

Professor Bégin started teaching her first two courses this winter, one at the University of Ottawa on myths about women's health, and one at Carleton that is more issue-oriented.

"It's a trial," she says. "Everybody here seems to have known how to teach since they were born."

Somehow, though, one gets the sense that she will excel in her new role.

Pacifism, Past and Present

When Yvonne Bennett finished the 1984 school year as a sabbatical leave replacement for Professor Raymond Jones of the Department of History, she says she "left with a heavy heart."

This year, to her delight, she had the opportunity to return as an Assistant Professor of History.

Dr. Bennett has come back with good feelings about Carleton.

Even in the short time she was here in '84-'85, she says she was made to feel very accepted and comfortable by her colleagues.

"They showed me a great deal of courtesy and consideration," she recalls. "I made a lot of good friends."

Now that she has returned as a member of the History Department, Professor Bennett is teaching two first-year and one third-year course.

One course is in the area of her greatest interest -- 20th Century diplomatic history, while another looks at the relationship between nations.

One of the first-year courses has a seminar structure, a fact that she finds both beneficial and unusual at this level.

"It's very good," she says. "I wish I had had a course like that in my first year of university."

Professor Bennett's interest in students was inspired by a high school history teacher in England who saw her job as a vocation.

"The woman inspired everyone," she says. "And it wasn't just an inspiration to study history. She was able to impart the fact that she really cared about us."

She came to Canada from England in 1972, earning an honours degree in history and political science from the University of Windsor, and an MA in history from the same University. Her doctoral work was completed in 1984 at McMaster University.

She says she regrets the reduction in the number of foreign students attending universities in Canada because of differential fees.

In her undergraduate days, she says, she had people from all over the world as her classmates. "It gave you a dimension that's lacking today."

As a result, she says there's a tendency to miss out on the richness of the international experience.

Dr. Bennett became seriously interested in issues of war and peace when she began working on her thesis on the "Peace Pledge Union and Vera Brittain."

She remembers going to an interview with a striking woman named Sybil Morrison, who had been an ambulance driver in World War One and had become a pacifist.

During the interview, Ms. Morrison asked Dr. Bennett if she was a pacifist.

"I said no," Dr. Bennett recalls, "at which point Ms. Morrison replied, 'You will be. Send me a postcard when you change your mind.'"

Sometime later Dr. Bennett did send the postcard. Now she's a member of the Peace Pledge Union in England, and belongs to a Peace History committee established by historians with an interest in the issues of war and peace.

Dr. Bennett has had a long interest in Vera Brittain, the famous British pacifist.

Brittain was a member of the Peace Pledge Union, a secular pacifist group founded by an Anglican priest, Canon Dick Shephard. The Union sought to keep before the British public standards of morality and human values which they felt were being threatened by the circumstances of war.

Brittain became one of the leading pacifist figures of the Second World War and, because of her already established reputation as a writer, was noticed.

The first had a devastating effect on her personally. In four years, she lost her brother, her fiancé, and her two best friends.

She also became rapidly disillusioned about the post-war world when she returned to Oxford to complete her studies. Her gradual move to pacifism was partially born of this disillusionment, says Dr. Bennett.

Brittain's view of pacifism is important, says Professor Bennett. "She tried to address problems of conflict wherever they arose, not only in the military sense.

"She tried by her pacifism to introduce harmony and concord in the relations between men and women."

Brittain struggled hard for equality. "She was very much a natural feminist," says Professor Bennett.

As early as the 1920s, Brittain was advocating day care centres, with the message that "we shouldn't waste women's brains."

She worked hard to raise the consciousness of women, feeling that they were too apathetic and had a responsibility to get involved in politics.

"These are messages which are still relevant today," says Dr. Bennett. "The threat



Yvonne Bennett

of a nuclear holocaust makes it imperative not to be politically apathetic."

Dr. Bennett obviously enjoys her students. She says they are very interested in the questions of peace and often draw astute parallels to modern situations when they're discussing historical conflicts.

But she has a special regard for mature students. "They bring an additional dimension and often give younger students encouragement to speak up," she says.

Because she likes mature students and the special group sense of night classes, Dr. Bennett requested one of her courses be at night. One of the things she likes about Carleton is the university's attention to continuing education.

Dr. Bennett is very positive about Carleton, and looks forward to life here. Her current research interest is in the international aspects of pacifism and in the efforts of pacifists in food and other humanitarian relief during war.



Breaking the Silence Barrier

A cross-Canada team of researchers, including two Carleton engineers, is putting the finishing touches to a sophisticated "box of tricks" that's designed to elicit the sensation of hearing in the brain.

It's an amazing achievement that will one day help people who have become profoundly deaf to hear more than they ever thought possible.

"We're actually trying to imitate the healthy ear," says electronics engineering professor Patrick van der Puije.

"We looked at the ear and asked, How does it work when it's healthy? We looked at the input and the output and asked, Can we imitate it?

"The answer is, Yes we can."

He's been involved in the project since it began almost 10 years ago, and has developed an electrode that will be implanted in the inner ear. The electrode is one of three components which make up the device. The two other components are a signal processor, designed by Carleton systems and computer engineering professor Bob Morris, and a receiver that's been developed by François Duval, an engineering professor at the University of Sherbrooke.

The project is primarily funded by the Medical Research Council, with subsidiary funding from the Natural Sciences and Engineering Research Council.

It's co-ordinated by Bob Harrison, Associate Professor of Otolaryngology at Toronto's Hospital for Sick Children and also involves psychologists and a surgeon from Toronto, and an electro-physiologist in Vancouver.

The project involves basic research, technological development and clinical applications, says Dr. Harrison.

"Our group has all sectors included in it."

Their device will specifically help people who have lost their hearing as a result of damage to the cochlea, caused by antibiotics and diseases such as meningitis. An estimated 20,000-30,000 Canadians are so affected.

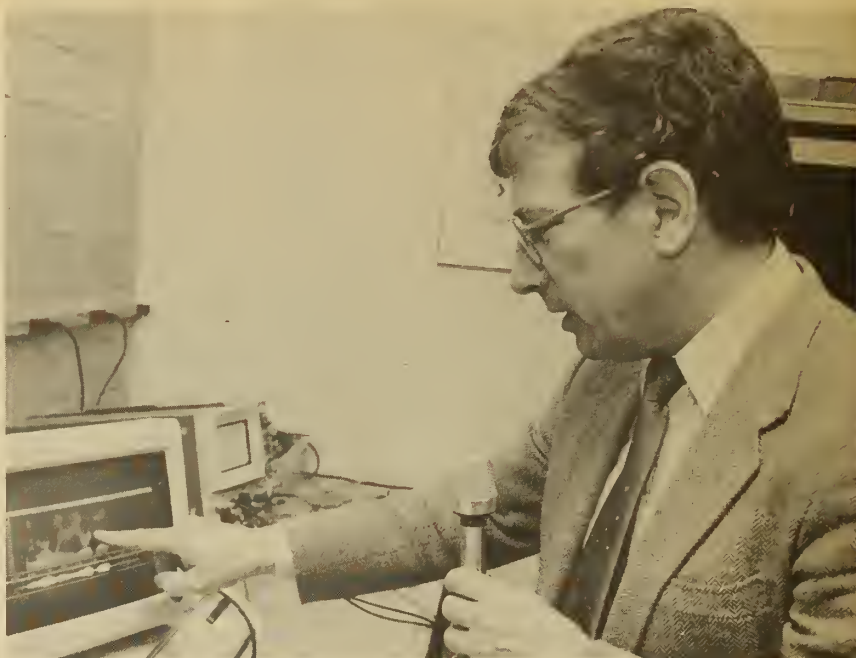
Professor van der Puije explains:

"The cochlea is a spiral chamber within the ear, containing fluid and countless tiny hair cells.

"The movement of the ear drum sets up a wave motion in the fluid that triggers the hair cells. They produce electrical pulses which are transmitted through the auditory nerve to the brain, where they are interpreted as sound.

"High frequencies are detected at one end of the cochlea, and low frequencies at the other end. When the hair cells are destroyed, the link is broken. Even though other components of the ear are intact, the brain doesn't get the signals it needs."

Trying to imitate this arrangement hasn't been easy.



Bob Morrison demonstrates computer program for coding sound frequencies.

The electrode has to meet very rigid specifications, he says.

First of all, it has to last for 20 years once it's implanted, a tall order in itself.

Then, since different frequencies affect different parts of the cochlea, the device needed to have 8-12 electrodes in an array to be effective.

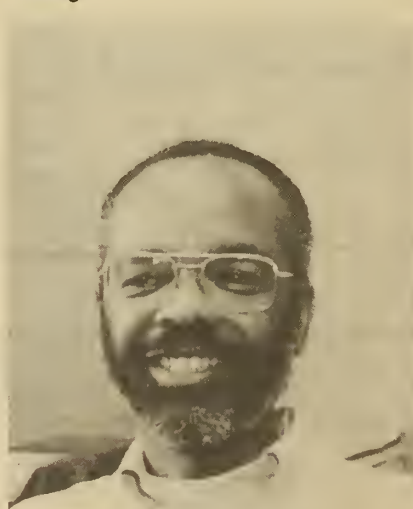
Then, because the cochlea is curved, it had to be flexible, less than .75mm in diameter, and able to withstand a certain amount of twisting.

Finally, it had to be made of biocompatible material, so that it wouldn't irritate the sensitive tissues in the ear.

With a lot of ingenuity, Professor van der Puije has been able to meet or surpass all of these requirements.

Because the acids used in microcircuit techniques are toxic, the first step involved modifying these techniques.

Then he introduced a small change in the design of the implant that had major implications.



Patrick van der Puije, and enlargement of electrode he designed to fit inside the inner ear. When inserted, the electrode conforms to the spiral of the cochlea.

tions. Instead of using a flat electrode as is normally done, he developed one which is cylindrical.

Not only does this make it possible to fit the device into the ear without damaging the tissue, but it also means that the electrodes in the array can have a larger surface area and, therefore, be more effective.

The *pièce de résistance* is that the device can be mass-produced, at an estimated cost of \$5 each. The only comparable electrode now available is one that's hand-made in Australia for \$2,000.

Another advantage of the electrode, he adds, is that it can be implanted relatively easily. Another type of stiff electrode, developed in the United States, must be implanted directly on the auditory nerve, in an operation that's "more like brain surgery."

For his part, Professor Morris has come up with some equally impressive solutions to the problem of changing the sounds into codes that can be transmitted to the electrodes.

He draws an analogy to compact disc technology, which converts sound into numbers. "That's exactly what happens in our system," he says.

He says that speech is characterized by resonances at three frequencies which vary over time.

The signal processor accurately tracks all three resonances, whereas previous processors approximately estimated only one or two.

As well, it can also extract speech "pitch," an attribute which distinguishes natural speech from monotone robot-like imitations. This is important because pitch is what we use to express emotions in our speech; the same sentence can be expressed as a question or an answer.

"We think we have developed extremely sophisticated software to exploit the most powerful digital signal processor microchips commercially available," says Professor Morris.

An added bonus is that it can be custom fitted and easily changed to suit the needs of individual patients. "That's unique to this project," he says.

A breakthrough in signal processor technology meant that the project could suddenly move along at a much faster pace.

"We were in the right place at the right time to take advantage of the newest developments," says Professor Morris. "Our timing has been quite good."

He says that even with the system they've developed, "it's almost impossible to describe what people will hear."

"It won't sound exactly like speech, but there will be enough information to help deaf people understand what's being said."

It may be another two years before the device is available for widespread implantation. But, says Professor Morris, the first test implants may be done as early as this summer.

Says Dr. Harrison, "In my opinion, this is a much better device, and should prove to be much more useful for patients than any device already available."

Shona Heads for Oxford

In December, it was announced that Shona Brown, 20, a fourth-year computer and systems engineering student at Carleton, had won the prestigious Rhodes Scholarship.

Miss Brown was one of just two students in the province and eight in Canada to be

program at Carleton since 1983, during which time she has maintained an honours standing. This year, she was named to the Dean's Honours List.

Throughout her four years at the University, Shona has maintained an active interest



Photo of Shona Brown, by Michael Blanchfield.

awarded the scholarship, which will provide \$15,000 a year for at least two years of study at Oxford University in England.

Shona will study towards a PPE degree in political science, philosophy and economics, with a concentration in economics.

"I'm really looking forward to this experience," she says.

"It will broaden my horizons and be a real change of pace for me. I have always been interested in studying in the social sciences, although my main interest remains engineering."

Needless to say, there were a lot of proud and happy people at the University, Shona's parents perhaps most of all (Dick and Marilyn Brown of the departments of geology and psychology, respectively).

Dean of Engineering Spruce Riordon was also thrilled.

"We are all tremendously proud of her," he said.

"She has an excellent academic record, is articulate, and has a wonderful background in community activities and sports."

Shona had good things to say about Carleton, and the engineering faculty.

"The emphasis is different in Carleton's systems program," she said. "There is a sensible balance between computer science and engineering."

"I think it's a very good program and I had some very competent professors."

Shona is completing an honours thesis with Professor David Coll on the topic, *Still Picture Video Teleconferencing*.

She has been enrolled in the engineering

in sports and community activities.

Besides taking time to be a Big Sister, she is a founding member of the Carleton Robins field hockey team, and rarely missed a practice or a game. She was named to the Ontario all-star team in 1984 and 1986.

Shona earlier studied at Lisgar Collegiate in Ottawa, and completed her high school diploma in Vancouver.

Another Carleton student reached the "second round" in the Rhodes Scholarship interviews along with Shona. Jennifer Hawkins, a fourth-year economics student with an admirable academic and extracurricular record, just missed being the province's other Rhodes scholar, placing third out of 75 applicants.

"I guess they just couldn't give two to one university, but both Shona and Jennifer are outstanding students and Carleton is very proud of them," said Carleton's Director of Awards, Carol Fleck.

Brian Rolfes, a fourth-year student in public administration at Carleton, was one of three Saskatchewan finalists in the Rhodes competition.

The Rhodes Scholarships were established in 1904 under the terms of the will of Cecil Rhodes, and are the best-known and most prestigious international scholarship.

More than 600 Canadians, among them a few Carleton faculty members, have held Rhodes Scholarships, many returning to Canada to distinguished careers.

The last Carleton student to win a Rhodes Scholarship was Boudewyn van Oort, who graduated with his BSc in geology in 1961.

The Quest for Knowledge



Nathalie Chaly: "Microscopy lab best in the country."

What scientists know about the world today would probably amaze their predecessors. What they don't know, will probably take many more generations to answer.

Carleton biologist Nathalie Chaly is a part of this continuum of scientific discovery.

A graduate of Carleton (and a fourth-generation scientist in her family), she has returned here as a professor and researcher, picking up where her former teacher George Setterfield (now retired) left off.

His legacy has been to help create what she says is "possibly the best microscopy setup in the country."

"George brought in the basics, so that I've allowed myself to get more specialized equipment."

Some \$1 million has been invested in the lab, for everything from electron microscopes to specialized containers for transporting cells.

At Carleton for just 18 months, Professor Chaly is more than mindful of the fact that "it's very rare for someone at my stage of academic development to have as much up-to-date, brand-new, state-of-the-art equipment available from the moment you walk in. It's been an enormous help."

She's pioneering studies of white blood cells – lymphocytes – in an attempt to extend our knowledge of how they work and, as important, what happens when they don't work.

Most people know that blood consists of red and white cells, with the red cells being used to provide nourishment to the body and the white ones to fight infection and disease. But most probably don't know that their white cells actually change when they're reacting to an agent.

In the inactive, or dormant, stage, they're

small and have a small nucleus. The genetic material found in the nucleus is also very condensed. But when they react to an agent such as bacterium or a virus, suddenly, the nucleus becomes much larger and the genetic material less dense.

"This increase in size and decondensation of genetic material are characteristics of active lymphocytes," she says.

While, normally, lymphocytes fight bacteria, they don't always work properly. Allergies are one result of lymphocytes not working properly, while in the case of AIDS, they don't work at all.

In her research, she's focusing on non-Hodgkins lymphomas (NHL), a class of tumour associated with lymphocytes. Hodgkins lymphomas, are fairly readily treated, while NHL tumours are more of a problem.

NHL tumours a very diverse group and there are very few objective criteria for classifying them, says Professor Chaly. As a result, there's a lot of variation in diagnosing them. But since treatment depends on accurate diagnosis, it's important to make sure that they're identified correctly.

Professor Chaly is working with Dr. Irving Dardick, a pathologist at Ottawa's Civic Hospital (and a Carleton graduate), to develop objective criteria which will help pathologists to diagnose the tumours accurately. They're tracing what happens in the nucleus of the cells, using specially designed "markers" she developed in collaboration with Dr. David Brown of the University of Ottawa.

"In doing this," she says, "we have to explain what it is that's abnormal, and this may help us to get a better handle on what's happening."

Her work focuses on the nucleus of the

cell, since it controls the cell function. Further, variations in the nucleus are used to help diagnose cancerous tumours.

Already, she's found abnormalities in the structure that haven't been identified before.

"When you're looking at biopsy material, you sometimes see cells that appear to be normal active cells," she says.

"But what's happened is that these cells have assumed the appearance of large cells because their genetic material has decondensed, but they haven't actually grown in size.

"It's a very abnormal situation, it shouldn't be happening."

Pathologists can have an objective, quantifiable way of diagnosing the tumours sim-



Research costs. This cell container from Professor Chaly's lab is worth \$1,500, and it's a small component in the overall equipment of the lab.

ply by correlating the appearance and size of the nuclei. But there are still a lot of questions to answer.

"Now we'd like to look at some of the functional characteristics of the tissues," says Professor Chaly.

"We know there are abnormal cells, but we don't know how many of the cells are abnormal and how many are normal. We don't know if the abnormal cells arose from one, or from several cells simultaneously. We don't know exactly which aspect of the cell's growth pattern is abnormal.

"We don't know whether there's any relationship between the amount of genetic information and a particular lymphoma. Some grow slowly, while others are rampant and grow almost overnight. What is it that makes them grow?"

The answers to these questions won't come tomorrow, but one thing is certain: the knowledge that's being generated by Professor Chaly will be passed on to other scientists today and in the future.



Gerald Buchanan displays model of synthetic enzyme.

Peering Into Enzymes

Enzymes -- the basic ingredient of the biotechnology revolution -- may be the key to the future. But scientists will have to unlock their secrets first before enzymes truly open the door to a brave new world.

Carleton chemist Gerald Buchanan is one of the scientists working to increase our understanding of this incredible workhorse.

This year, he's on sabbatical leave, spending 40 percent of his time in the laboratories of the National Research Council trying to improve our knowledge of enzyme structures and properties.

"We're making synthetic enzyme models and comparing them with naturally occurring enzymes," he says.

It's a relatively new area of research and the Carleton group is one of only a few in Canada specializing in this field. It's important for two reasons.

First, he says, there's the possibility that synthetic enzymes can be designed to do certain specific tasks. For example, he explains, it's not inconceivable that they could be designed for people who lack the enzymes that are normally involved in breaking down certain components of milk.

The other thing, he says, is that enzyme models can help us to understand the properties of naturally occurring enzymes.

He describes them as "huge molecules" with molecular weights as high as 100,000.

"We're trying to make simpler enzymes, with weights of 200 or 300, to do the same thing," he says. "If we know what's happening with these smaller molecules, then we can better understand the larger ones."

The molecular properties of enzymes are critical to their function, he notes.

"The shape of the enzyme has to fit with the substrate (the material it is reacting with) like a lock and key."

As well, he says, the atoms present in the enzyme affect its properties. Scientists can exchange some atoms, such as nitrogen or sulphur for oxygen, to change the properties of the enzymes without dramatically changing their shape.

This helps them to identify the constituents that are essential to an enzyme's function, and so gives them important clues on how enzymes work.

Professor Buchanan is already using this information to help solve very practical problems.

He's received a contract from the Defence Research Establishment in Ottawa to develop enzymes that will decompose toxic compounds.

"Organo-phosphorous compounds widely used in pesticides have some toxicity to people who use them," he says.

"In situations where people are exposed to more than they should be, either by accident or improper use, there has to be some way of detoxifying them before it does harm. Present methods are based on using alkaline solutions, but while they do the job, they are also very irritating when they come in contact with the skin.

"The idea we're working on is to use aqueous solutions of enzymes to provide a more gentle way of detoxifying the pesticide."

Working with him on the project are Professor Peter Buist, and post-doctoral fellow, Debbie Shiloff.

"The reason we're involved is because we have the biotechnological capability and expertise to work on this problem," says Professor Buchanan.

His lab at Carleton is equipped with an NMR spectrometer, that enables the researchers to follow the decomposition of the pesticide at every stage. Professor Buist and his group are involved with the growth and harvesting of the enzymes used in the project.

So far, they've found that the enzymes do rapidly decompose the pesticides, and they think it will be less irritating to the skin. Now they're turning their attention to understanding how and why the enzymes work by identifying the active agent, measuring the rates of reaction, and identifying the resulting products.

REGISTER EARLY!

Due to limited space, avoid disappointment — register early. A \$10 deposit on both packages is required with the balance paid no later than May 15, 1987. Full payment with your application is recommended as reminder notices will not be issued.

Further information will be published in future issues of **The Alumni News Magazine**.

REGISTRATION FORM

Name: _____

Address: _____

_____ Postal Code _____

Telephone (b) _____ and (h) _____

Floor(s) in Res. _____

Years in Res. 19 ____ to 19 ____

☐ **PACKAGE 1:** Includes admission to all events
\$25.00 July 31 to August 2, 1987

☐ **PACKAGE 2:** Includes admission to all events
\$25.00 plus accommodation
July 31 to August 2, 1987.
Accommodation* at special

reunion rates - Single: \$23.50/night
Double: \$18.00/person/night
(includes breakfast)

Single for ____ nights
Double for ____ nights for ____ pers.

Floor and Room Preference 1. _____
2. _____

* (Every effort will be made to meet your request for a specific room or residence house)

Note: Daycare facilities available upon request -
check here ☐

Make cheque or money-order payable to Carleton University Residence Reunion.

**\$10 DEPOSIT REQUIRED - BALANCE
DUE NO LATER THAN MAY 15, 1987**



Residence Reunion

Still Alive at 25 is the theme for a 25th anniversary reunion of all former residence students at Carleton University.

In April, 1986 several former residence students got together to begin planning a weekend reunion to celebrate the 25th anniversary of residences on the Rideau River campus of Carleton University.

The reunion will take place during the Ontario Civic Holiday weekend (July 31, August 1 and 2 in 1987).

TO REGISTER

If you would like to register for the reunion, or receive additional information, please send your name, address, phone #, and years you were in res and what floors you were on, with the registration form:

RESIDENCE REUNION
Box 25
Carleton University
Ottawa, Ontario
K1S 5B7

When you send us information, include the names and addresses of other friends you know of so we can add their names to our mailing list.

Thank you.

Special events — An outstanding entertainment program following the best residence tradition has been planned for the reunion weekend. A sure bet to bring back those sweet residence memories, program highlights include: A Big Chill Pub, a BBQ in the Quad to the music of Terry Van Zant, and Back To The Future Finale with the Stevens & Kennedy Band. In addition, the schedule of events also features movies, sports, awards and special presentations.

Era rooms — Three rooms in the commons will represent the three decades (60's, 70's, 80's) of people, places, events that have taken place around the world, country, city and campus. Collages of pictures from residence, old clippings from campus publications, etc. will be on display in each room, in addition to taped music from that era, and a series of audio visual displays, including old Carleton promo films, and a feature on residence from CTV's W5.

Souvenir Program — A free 48 page colour souvenir program examining the history of residence through stories, essays, and photos will be published.

Buttons, Mugs, Posters: Special Bree's Inn/25th anniversary mugs will be available, as will buttons, posters, T-shirts, etc. Most items will be free with registration.

Carleton Launches Campaign

Spring – the season of new life and renewal – has added meaning for Carleton this year.

With an optimistic and vigorous attitude, the University has chosen the Spring to launch a major five-year fund raising drive as it seeks to meet requirements for teaching and research space throughout the campus.

There's an almost audible buzz of excitement as academics, university administrators, students, and community and alumni volunteers, join together in a concerted effort to find and raise \$15 million for Carleton. It's a challenge never before attempted on such a major scale by the University, and fittingly enough, has been called The Challenge Fund.

"In order to continue to provide the high-quality education that Canadians have come to expect from Carleton, we simply must expand our facilities," says Carleton President, William Beckel.

"We've taken a long and hard look at our programs, assessed our strengths and weaknesses, and put together a plan that we think will enhance the academic essence of the University, while meeting the increasing demand to study here."

The plan calls for the most significant building program at Carleton in almost two decades. Included are the long-sought addition to the Library; a new Centre for Advanced Studies in Engineering; a fine arts facility; a new floor on the research wing of the Herzberg Building; and renovations to the Arts Tower and Loeb Buildings to provide additional space for the Social Sciences.

The projects are expected to cost \$30 million, and the Challenge Fund has been launched to raise half that amount from the private sector. The University will be approaching the Ontario government for matching funds for the remainder.

With more than \$2 million already in the bank, the Challenge Fund is on the road to meeting its objective, and has attracted the support and commitment of community and corporate leaders.

Carleton alumnus, **John Redfern**, Eng/56, Chairman of Lafarge Corporation, is the campaign chairperson.

His associate chairperson is **Ross Cruikshank**, retired Vice-President of Bell Canada, and a member of Carleton's Board of Governors.

Clayton Beattie, BA/51, retired Brigadier-General and Vice-President of the Alumni Association, is heading the National Alumni Committee, which will be seeking to raise \$1.5 million towards the Campaign objective.

They're joined by more than two dozen

volunteers, including: **Conrad Black**, BA/65, Chairman and Chief Executive Officer, Argus Corporation; **Des Cunningham**, Chairman, Gandalf Technologies Inc.; **David Vice**, MEng/65, President, Northern Telecom Canada, Ltd.; and **Jean Teron**, BA/56, former chairman, Carleton Board of Governors.

The National Committee met at Carleton for the first time on January 12, to hear the



University's case and review the Campaign objectives. Since then, a number of committees have been hard at work, including: the Foundation Committee, chaired by **Sam Hughes**, President, Executive Consultants Ltd.; the Corporate Committee, chaired by **Brian Hewat**, Executive Vice-President Marketing, Bell Canada; the Public Relations and Special Events Committee, chaired by **Christopher Bunting**, BA/73, Senior Vice-President, Continental Golin Harris Communications Inc.; and the Financial Institutions Committee, chaired by **Denis Ross**, Coopers and Lybrand.

Kim McCuaig, Director of Development and Alumni Services, says the Challenge Fund encompasses a number of key principles.

"First and foremost," he says, "wherever possible, this will be a face-to-face campaign. All of our organization and effort is directed at having people ask people to support Carleton. It's a major departure from the direct-mail approach we've used in the past."

A program is being developed to provide for recognition of major gifts, he notes, so that it will be possible to name laboratories, classrooms, reading rooms and so on.

Donors will be encouraged to make their contribution over the five-year pledge period of the Campaign, Mr. McCuaig says. Once someone has made their contribution, there are no plans to send them further campaign appeals.

The Campaign is also seen as an opportunity to organize a national alumni program. Starting in Toronto this Spring, alumni gatherings are planned in major centres across Canada, says Mr. McCuaig. The local structures used to get these organized will remain after the Challenge Fund has ended to assure a vigorous branch program for the Alumni Association in the years ahead.

It's been more than a decade since the University has organized such a major campaign. In 1975-80, it successfully ran a \$5 million campaign for special projects. For the past seven years, it has raised about \$1 million annually through an appeal program.

The last academic building to be constructed on the campus was the St. Pat's Building, opened in 1972. Then, the University's enrolment was about 13,500 full and part-time students. Today, there are more than 18,000, almost 50 percent more students in the same space.

Along with the increase in enrolment has been a phenomenal growth in research activity at Carleton. Over the past five years, grants and contracts from external sources have increased from \$3 million to \$12 million annually, with some 2,000 funded research projects going on at any one time.

As Dean of Social Sciences Dennis Forcese points out, this has been accompanied by fundamental changes in the way research is done. The accumulation of documents and records, ever increasing use of computers, and growth of research teams have all exacerbated the need for space on campus.

"The notion that you could stick researchers into any available nook or cranny is not practical today," he says.

Given the increasingly technology-based society of the world today, there can only be increasing demands on the universities to provide highly-skilled individuals, and to undertake basic research, says President Beckel.

The \$15 million that the Challenge Fund will raise is the minimum amount necessary from the private sector to meet Carleton's building and equipment needs, he adds.

The Challenge Fund is timed to end in 1992, the 50th anniversary year of the University's founding.

Carleton Today And Tomorrow

William E. Beckel
President

The story of Carleton University is one of amazing success.

By university standards we are a young enterprise, but already have a record of outstanding accomplishment in the social sciences, basic science, engineering, architecture, and industrial design.

The heart of our enterprise in the arts, humanities, journalism and fine arts beats with vigour.

Carleton has consistently balanced good teaching with productive research and service to society. It has earned its place in the front rank of Canadian universities.

But we are at a crucial stage. We must continue to evolve, not just to be bigger, but to be better.

A major fund raising campaign is essential in maintaining and enhancing the academic, research, and consultation activities



(l-r) Ross Cruikshank, Campaign Vice-Chair, President Beckel, and John Redfern, Campaign Chair, were in an optimistic mood at the first meeting of the National Campaign Committee, held in January.

at Carleton. Our campaign is an ambitious one, and critically important to the University.

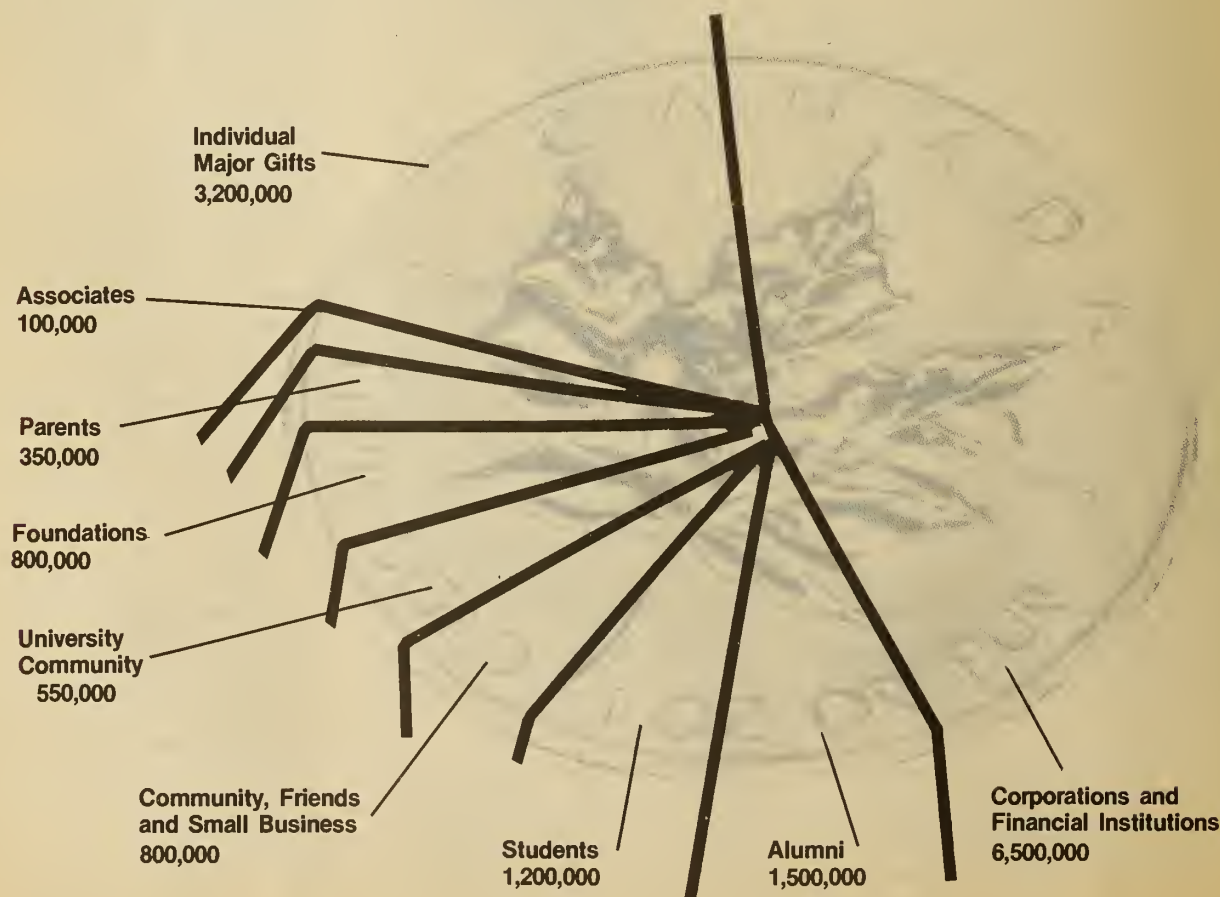
We're pleased by the support and volunteer leadership we've received in our campaign planning. It's gratifying to have our

alumni and friends from the community rally on our behalf.

I'm looking forward to a successful campaign, in which the University, alumni, and the community will emerge stronger and better than ever.

CONTRIBUTION GOALS

\$15,000,000



Campaign Volunteers

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Chairperson, Lafarge Corporation

Associate Chairperson

Ross Cruikshank
Vice-Chairman, Board of Governors

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The Challenge

A university cannot remain static, for to hold the status quo is to fall behind. Carleton will not do this. It will move where the genius of its faculty leads it, and where the demands of its community drive it.

Over the past five years, Carleton's careful planning has resulted in the elimination of a \$1.3 million deficit. This was accomplished by decreasing energy costs, staff reductions, administrative cutbacks, and a new and innovative departmental budget control system. Astute and sometimes harsh management decisions are continuing to keep Carleton a financially viable institution.

In the face of continued underfunding, and the overwhelming demands of business, industry, and students, Carleton now faces a challenge. It is short of space and equipment. The University has outgrown its facilities.

After an in-depth study of the University's needs, the Board of Governors decided there were two options:

Turn down outside research projects, accept a slow deterioration of the academic programs, and lose outstanding faculty members to other institutions of higher education;

or embark upon a \$30 million consolidation and expansion plan.

Choosing the latter, the Board of Governors established the following priorities:

- 1 Construct the first phase of a new building, a Centre for Advanced Studies in Engineering;
- 2 Construct a new wing on the MacOdrum Library;
- 3 Renovate four floors of the Arts Tower and add an additional two floors to the Herzberg Building's research wing;
- 4 Renovate the St. Patrick's Building and construct a Fine Arts Facility.

Centre for Advanced Studies In Engineering

As a major trading nation, Canada is coming to rely increasingly on the design, manufacture, and export of sophisticated technology-based products. Advanced engineering expertise has become one of the nation's most important resources.

The Ottawa-Carleton region – "Telecom Valley" – has become Canada's heartland of industrially oriented research and development. As a major centre of engineering education and research, Carleton University's Faculty of Engineering is co-located with the country's largest corporate and government laboratories. Within the last 15 years, Carleton graduates have founded a score of cor-



Centre for Advanced Studies in Engineering

porations with combined sales of over \$500 million annually. Carleton is a founder and charter member of the Ottawa Carleton Research Institute, one of the largest co-operative research institutes in Canada. The institute promotes collaborative research by industry and Ottawa's educational institutions in the high-technology fields of microelectronics, communications, and computing.

Carleton has links with such major academic institutions as MIT, Stanford, Berkeley, Carnegie-Mellon, and Imperial College of London. Faculty are working on joint research projects with corporations and government laboratories in many parts of Canada and around the world. The list of outside agencies includes the Aluminum Company of Canada, Pratt and Whitney, Amca, Novatel, Bell Canada, Rolls Royce, the Royal Navy, the Department of National Defence, and the Communications Research Centre of the federal Department of Communications.

An increasing range of research is undertaken jointly with the University of Ottawa, within the framework of joint graduate programs in all branches of engineering and science. Within Carleton, there is close co-operation with units in other faculties, particularly the School of Computer Science and the School of Business.

The very success of Carleton's engineering program has created its own problems. Designed originally for 720 undergraduate students, the C.J. Mackenzie Building now houses almost 1,300 students in engineering and industrial design. The pressure on space has led to a serious conflict between the needs of research and the needs of undergraduate education at a time when the faculty's industrial research enterprise is expanding, and the demand for first class graduates is increasing.

The first phase of a Centre for Advanced

Cost Summary

Centre for Advanced
in Engineering
Library Extension
Social Sciences/
Extension
Fine Arts Facility
Total Estimated C

Program Financing

The Carleton Ch
Fund
Provincial Govern
Funding
Total



Studies in Engineering will be a fully equipped building with a net area of 37,800 square feet. This space will form an important adjunct to the Mackenzie Building, allowing further development of major research projects in telecommunications, microelectronics, computer systems, geomechanics, structures, industrial design, aerodynamics, energy systems, transportation systems, and computer-aided design. It will also provide facilities for the development and consolidation of recent initiatives in robotics, manufacturing systems, and artificial intelligence.

In a rapidly evolving field such as engineering, it is inevitable that today's research forms part of tomorrow's undergraduate programs. In conjunction with the faculty's research advances, new undergraduate concentrations are planned in such areas as manufacturing, aeronautical design, and management. This integrated view of instruction and research as a dynamic process provides a first-class education for Canada's future engineers.

udies	\$13,000,000
	10,150,000
ce	4,495,000
	2,220,000
	\$29,865,000
ge	\$15,000,000
it	15,000,000
	\$30,000,000



Fine Arts

with appropriate physical resources which will have a direct affect on the quality of the faculty's academic effort — for this new facility is as necessary to these departments in the instruction of their students as the laboratory is to the scientist.

Science/ Social Sciences Extension

The significant increases in the use of computer technology for teaching and research in the Schools of Business, Public Administration, and Social Work, and the introduction of new graduate business and public administration programs, have placed a severe strain on the space and computer capacities of the schools.

Graduates of the School of Business are working in the major business centres across the country. Placement figures for the 1985 graduating class show 25 per cent working in Toronto, 15 per cent in Montreal, 15 per cent in Calgary, 15 per cent in Vancouver, and 30 per cent in the Ottawa-Carleton region.

Enrolment in the School of Business continues to grow. Last year the school introduced a Master of Management Studies degree program, the only graduate program of its kind in Ontario. Enrolment surged last year in the School of Public Administration with the addition of a Master of Arts program in development administration. The program is offered in conjunction with the School of International Affairs.

To create the required space, two new floors will be added to a wing of the Herzberg Building. The Department of

Mathematics and Statistics will move into these new quarters, vacating four floors in the Arts Tower which, after renovation, will provide much needed room for the Schools of Business, Public Administration, and Social Work. This plan was devised for construction and maintenance cost efficiency, along with logistically integrating the schools in one building. The Department of Mathematics and Statistics will join the other sciences, particularly the Department of Physics and the School of Computer Science, with which it shares computer facilities.

MacOdrum Library Extension

An extension to the MacOdrum Library, approved by the Ministry of Colleges and Universities in 1972, was never built because of a provincial government building freeze. Since 1974, when it reached its planned capacity, the MacOdrum Library has faced a serious space problem. According to provincial government guidelines, the library has only 42 per cent of the required study space and 54 per cent of the required space for books.

Although the library has developed one of the most technologically advanced circulation systems in North America, converted a large portion of its material to microfilm, and reduced its acquisitions budget, the library facilities have become totally inadequate.

- * Student reading and study spaces are being replaced with book stacks.
- * Audio-visual and technical facilities are cramped and unable to handle student needs.
- * Lack of adequate humidity and temperature controls are a serious threat to the microform collection and the preservation of irreplaceable material in the Special Collections Room.
- * Without the library extension, thousands of books and journals will have to be moved to off-campus storage areas, making them largely inaccessible.
- * Service areas are being reduced for book and journal storage.

Fine Arts Facility

The Fine Arts Facility will consolidate the University's teaching and research programs in art history, music, film studies, mass communication, and journalism in a renovated and expanded St. Patrick's Building. These departments are now spread across the campus.

The renovation and new construction will include classrooms, acoustically-treated listening and study areas, faculty offices, music laboratories, and a combined performance area and art gallery.

Because the St. Patrick's Building is the most accessible building on campus for the general public, this new facility will also encourage more links with the community.

The time has come for Carleton to embrace these successful and integral departments of the University, and provide them



Perfect Timing for Redfern

In the '80s, John Redfern is chairman of Canada Cement Lafarge Ltd. and Lafarge Corporation. He spends most of his time in Montreal and Dallas, and in between, can be found in Calgary, San Francisco, Paris, London, and other points East and West.

In the '50s, he was a local Ottawa boy, who came to Carleton "because it was the closest university to where I lived.

"Inasmuch as I was paying my own way, it was the most economical place to go," he says.

A small university on First Avenue, Carleton wasn't yet 15 years old when the Redfern brothers, Peter and John, arrived in the mid-fifties. It didn't even have a complete engineering degree program - the Redferns were among some 200 men who took the first two years of their engineering program at Carleton then went elsewhere (usually down to Queen's) to complete their degree. (Peter left Carleton for Queen's in '55 and John joined him a year later.)

Carleton and the Redferns have come a long way over the past thirty-odd years. Now, as chairman of the Challenge Fund, John is helping the University raise the funds it needs to continue to provide quality and excellence in higher education.

From an overall philosophical and economical point of view the timing for the Challenge Fund is perfect, he says.

"If we look back a few years, funding wasn't an issue. Politicians and people felt sufficient funds would always be available from the government for education.

"But that bogged down, with the academic world going in one direction, politicians in another, and business in still another. Everyone was suspicious of the other guy.

"It didn't produce the results we wanted.

Now he says, there's been a meeting of minds and a realization that "education is a key for development in the future.

"When you look ahead, you can see Canada can no longer consider the future will be easy because of our land and natural resources. There's a lot of competition. If we want to continue to enjoy our standard of living, we have to do more than exploit our natural resources. This leads us to brainpower and technology.

"The strength of the region and the country in part depend on strong educational facilities, so there's an investment aspect to this campaign. A contribution to a well-run university is also a contribution to the well-being of the country."

With Ontario and Quebec in a boom period, he says, people have funds available, and he has no qualms about asking for contributions to the University in his role as Campaign Chairman.

"The individuals and corporations we're talking to have made allowances in their financial planning to keep so much for themselves, and to give so much to others. We're not looking to take funds designated for other purposes. When I talk to other in-



John Redfern

dividuals and groups about how we'll disperse funds, I feel very comfortable in pointing out the worthiness of Carleton University as a university serving regional and national needs."

Being an alumnus makes a difference, he adds.

"If you know the University, it's like any other subject, you can feel comfortable talking about it. Because you know it on a first-hand basis, you can be more convincing.

"Being from Ottawa, on the Board of Governors at Carleton, and knowing the circumstances of the University, I thought the campaign was worthwhile and timely. I didn't volunteer or feel there weren't others who could do a better job, but responded to a request from the University President

who felt I might be the one who could best help out."

Redfern, in common with just about anyone who attended Carleton when it was on First Avenue, remembers it as a "very intimate, close community. You got to know everybody on a first-name basis."

He says the engineers were a "little clique unto themselves," and remembers hours spent in the upper-floor drafting room.

He played defensive and offensive end for the Ravens football team during his two years here. In his first year, Peter was also on the team as quarterback - "It was nice to go into the huddle and tell your brother to throw you a pass," recalls John.

He started working for Canada Cement Lafarge in Ottawa in 1958, and except for a brief period, has been with the company ever since.

"Being able to grow with the company from my start in Ottawa to an international career has been very satisfying," he says.

"The '60s were a dynamic and buoyant period. With a certain amount of luck, timing, effort and ability, I found myself as President of Canada Cement Lafarge, then we made an acquisition of a large corporation in the U.S. and I found myself President, then Chairman of that Corporation."

A typical working day for him is from 8-6, "with hopefully 40 minutes to exercise (squash or swimming) sometime during the day."

He's married and is the father of four children, three boys and one girl, all of whom are in their 20s.

He's proud of his family, of his long association with Canada Cement Lafarge, and of Carleton.

"I think alumni can look at Carleton and be proud of it, and think of it growing into the future," he says.

"This campaign is something that we think will provide long-term benefit to the University. But as well, the development of organized, lasting links with alumni will be one of its important aspects."

Alumni-Key Volunteers

As the Campaign Chairperson, **John Redfern**, Eng/56, has the highest profile of alumni volunteers on the Campaign Committee. But he's joined by more than a dozen alumni who have committed themselves to the Challenge Fund. Alumni helping out so far include: **Conrad Black**, BA/65; **Denise Moncion**, BSW/54, MSW/55 (SPC); **Michael Cowpland**, MEng/68, PhD/73; **David Vice**, MEng/65; **Micheline McKay**, BAHons/83; **John MacDonald**, MEng/65; **Harry Prenger**, BAHons/70; **Jean Teron**, BA/56; **Clayton Beattie**, BA/51; **Murray Hunter**, BA/72; **Christopher Bunting**, BA/73; **Richard Getz**, BJ/77; **Peter Johansen**, BAHons/69; **Larry Malloy**, BJ/70; **Paul Murray**, BA/69; and **Jeff Polowin**



Alumni Volunteers (l-r) Clay Beattie, David Vice, John MacDonald, Harry Prenger

Beattie Heads Alumni Team

The Alumni goal for the Challenge Fund is \$1.5 million, about double the current level of alumni giving to the University.

Achieving this goal will take a lot of hard work and extra effort, and perhaps no one realizes this more than Clayton Beattie.

A 1951 Arts graduate, he's heading the National Alumni Committee. It's a role that's already required him to make a significant investment in his time in order to get the alumni sector organized and underway.

To him, supporting the University comes naturally.

"In my view, alumni who benefitted from the University should be that much more motivated to help develop its capacity and capability," he says.

"Most people recognize the University is there because someone contributed time, funds and effort to get it started. For us, it's a matter of putting something back into the system."

He recalls he never thought twice about which university he would attend.

"I just assumed that since Carleton was established in Ottawa and that I would pursue university education, I would go to Carleton. It was that simple and straightforward."

As was the case with most students of the era, he found Carleton was more than a place to come to study. He was a member of the Ravens hockey and football teams, and in the Canadian Officer Training Corps. As well, he worked part-time managing the rink, in the library, and as an assistant to a college administrator.

After graduating from Carleton in 1951, he served 32 years as an artillery officer of the Royal Regiment of the Canadian Artillery in the Canadian Armed Forces. He retired with the rank of Brigadier-General in 1982 to enter the business sector.

During his military career, he commanded the Canadian Forces Northern Region;

Cyprus and Commander, Canadian Conserved as Chief of Staff, UN Forces in tinent; and commanded CFB Borden, the Canadian Forces training system's largest base.

He was appointed a Commander of the Order of Military Merit in recognition of his UN service, and in 1979 received the A.D. Dunton Alumni Award for outstanding achievement.

He has been actively involved in strategic assessment of the Canadian Arctic as it relates to renewal of the North American Aerospace Defence Agreement, and has made presentations to the Minister of National Defence and the House of Commons Standing Committee on External Affairs and National Defence.

Most recently, he has been widely reported by the media for his interest in northern security and sovereignty as it relates to the North Warning System.

Currently, he is the President of Stratman Consulting Inc., specializing in strategic

planning, management, conflict resolution and special services.

He is the Chairman of the National Capital Branch of the Canadian Institute of International Affairs; a consultant to the International Peace Academy on conflict resolution and international peacekeeping; and a member of a group of nine experts with Canadian interests in international peace and security.

A member of the Alumni Council since 1984, he serves as Chairman of the Carleton Club and as Vice-President of the Alumni Association.

He says the Challenge Fund provides an ideal opportunity to strengthen and develop the role of the Alumni Association.

"I see the importance of an effective alumni organization within the University structure, and of connecting with the community through alumni," he says.

"That's a good reason why it makes sense for us as alumni to get involved with this campaign."

Toronto takes lead

One of the goals of the Challenge Fund is to organize alumni chapters in major centres across Canada. In Toronto, that goal is already a reality.

David Vice, MEng/65, President of Northern Telecom, is heading the alumni fundraising organization in Toronto.

Helping him out are **Micheline McKay**, BAHons/83, an economist with the Inter-governmental Finance Policy Branch, Provincial Treasurer, a member of the Alumni Council, and Toronto branch organizer; **Jean Teron**, BA/56, a former Chair of Carleton's Board of Governors; **John**

MacDonald, MEng/65, Group Vice-President, Switching, Northern Telecom Canada Limited; and **Harry Prenger**, BAHons/70, Vice-President (Government Business and Financial Institutions) Royal Bank of Canada.

The Toronto alumni goal is \$500,000, and organizers there hope the campaign will be fast, efficient, and successful.

It is expected that 500 alumni will be personally canvassed through April and May, and that every one of the 2,500 known alumni in Toronto will receive information, a letter, and a telephone call.

A Student's Perspective

Robert Haller 'is sold on Carleton.

A native of Hamilton, Ontario, he is the fifth of eight children in his family, and was in the Navy before coming to Carleton five years ago. His brother, Stephen, is a Carleton graduate and Robert recalls he liked Ottawa so much on his visits here, that he applied to attend as well. He's glad he did.

"I love it here, I really do," he says outright.

It's an attitude he says is common on the campus today. And as President of the Students' Association for the past year, he's had as much opportunity as anyone to be in touch with student views and concerns.

"The image of Carleton is very high with the students," he says. "They believe that they're getting a quality education and going to one of the finest institutions in the province. They're optimistic about the job market. . . There isn't much doom and gloom. . . They believe they're doing something worthwhile."

He says that students at Carleton today are "impressed with the academic staff, with the quality of the professors, and the material they have to study."

There's a lot of pride being built up in the school, he adds. "We see ourselves as a large, rapidly growing, and prominent university."

Among student leaders he's met across Canada, he says there's a lot of awareness about Carleton and its academic programs.

Carleton is best known among students at other universities as the "fighter for accessibility," he says.

"Dr. Beckel's name is known among different student groups as a supporter of accessibility, and Carleton is seen as a model of a university that has proper accessibility levels.

"Dr. Beckel is often quoted for his statement that Carleton is easy to get into, but hard to get out of. I think that's really true about Carleton. Once you're in, it's not an easy ride through. The standards and the work they expect from you are quite high."

He looks back on his year as President with a good deal of satisfaction and accomplishment.

"Being student president was one of the best experiences I've had," he says. "There were so many interesting things - even the arguments and battles and long meetings."

Perhaps the most controversial issue on the campus concerned sexist advertising.

"We're taking steps forward on women's issues," he says. "There was some talk about censorship, but really, it came down to students deciding what kind of community they want the University to be."

Renovations to Olivers, the student pub in the Unicentre, and to the third floor of

the Unicentre to provide space for clubs and services, were outward signs of a busy year.

On an organizational level, the students' council gave more authority to clubs and societies so that they could run their own affairs.

meeting in rooms designed for 30-40."

As a result, he says, "there's so much relief among students when they hear there's going to be a larger library, and new buildings for fine arts and engineering.

"They think it's great, and are really ex-

CARLETON UNIVERSITY STUDENTS' ASSOCIATION



Rob Haller, "A year of accomplishments."

"It's an enjoyable time to be a student," he says. "There's still piles of work to be done, but you can't study all of the time. There's a good mix here, a lot of extracurricular things to do to get your mind off school now and again."

One of his last tasks as student president has been to organize a referendum for a student levy to support the Challenge Fund. The students will seek to raise \$1.2 million for the campaign through a levy of \$15/full-time student, or \$3/course for part-time students over the next five years.

"The space problem is a big problem for a lot of students," he says.

"There's such a lack of study space in the Library that students will sit down to study anywhere they can find a spare table, including Baker Lounge, one of the busiest spots on the campus."

As well, he adds, class size has also been a cause for concern among students. "People have to sit in aisles in some theatres, while elsewhere classes with 60 students are

cited by the whole concept. It's about time we're getting this project going."

At the same time, he adds, there's a realization that the students won't directly be benefiting from their contributions.

"The students who'll be putting in the money won't be here to use the facilities," he says.

"They're sympathetic to the cause, aware of what it's like right now, and want to do what they can to improve the image and name of Carleton.

"They'll get the benefits down the road as Carleton becomes more recognized as a quality institution. That adds more value to your degree."

Robert, himself, expects to graduate with an arts degree in Geography and Political Science in the fall. Then he hopes to travel, and possibly teach English as a second language in China. He's flexible about his career though - urban development, industrial development, public relations and personnel are all areas that interest him.

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President's Perspective

by James Watson

This promises to be a very exciting year for the Alumni Association for a number of reasons.

A project close to my hear - the STILL ALIVE AT 25 residence reunion - takes place during the Ontario Civic Holiday weekend (July 31 - August 2, 1987), and it promises to be a fun-filled event.

A lot of work and effort by many former residence students have gone into this project, and if you were one of the many thousands of "rezzies" who lived on campus while attending Carleton, it's still not too late to register. A full-page ad and registration form is found on page 12 of this issue of the *Alumni News*.

Our Association, after years of slow growth, began to gain momentum last year when, for the first time, we can proudly say that Alumni Weekend was a great success. Over 300 alumni turned out for the Friday night dinner, and another 100 were at the brunch with Carleton grad and now CBS newswoman, Linda MacLennan.

This year, we are planning to build on that success. Already, the Alumni Weekend Committee, under the chairmanship of Peter Pivko, BArch/78, has met and plans are well underway for the annual fall get together.

If you would like to help out with this committee, contact Development and Alumni Services (613) 564-2800. I know Peter would very much appreciate your assistance and input.

If our Association is to continue its growth, we're going to need your help this year. Plan to attend Alumni Weekend, and meet some of your former professors, classmates and friends with whom you have regretted losing touch over the years.

The University is currently launching a major fundraising campaign, "The Challenge Fund." Eight pages in this issue of the *Alumni News* are dedicated to explaining why we need the money, and who is helping us to raise it.

I've often heard from alumni who just graduated that the first word they hear from the University is a request for funds. You'll find that The Challenge Fund represents a significant departure from the fundraising programs of the past. I think you'll agree that this major undertaking will be handled with professionalism and class, under the able direction of Kim McCuaig, Director of Development and Alumni Services, and the strong volunteer leadership that has been recruited.

When contemplating the University's request for funds, I urge you to think of your past and then give to Carleton's future.



Ottawa Major Jim Durrell (above) was among 200 supporters who came to hear Red Storey (right) and enjoy the ribald humour of the Old Crow Society's Football dinner in February.



Branch Updates

Architecture

The Architecture Alumni Association held its second annual general meeting immediately preceding the Alumni Weekend reception on Friday, September 26. The turnout was excellent, and the following executive was elected: President: J. Brian Eames, BArch/76; Vice-President: Robert Webster, BArch/73; Secretary/Treasurer: Susan Smith, BArch/77; Councillors (one-year): Yves Gosselin, BArch/73, and Alfred Schriever, BArch/76; and Councillors (two-year) David Pearce, BArch/79, and Christopher Leggett, BArch/74.

The priorities for the year are to continue upgrading alumni lists, with the view to publishing a directory of graduates; to promote branches of the Architecture Alumni Association in cities other than Ottawa; and to focus on what the graduates can give back to the school.

If you have any thoughts on what the Architecture Alumni Association should be doing, call or drop a line to: Brian Eames, 159 Hopewell Ave., Ottawa, Ontario, K1S 2Z4, (613) 236-7135.

International Affairs

What do President Reagan, Iran, Nicaragua and the School of International Affairs alumni have in common? Nothing, except that the alumni were recently treated to a fascinating update on U.S. policy dealing with terrorists at an SIA luncheon. Dr. Thomas Mitchell, a Carleton PhD graduate whose dissertation was international terrorism, was the guest speaker.

The luncheons are a part of a monthly program of interesting speakers sponsored by the International Affairs Alumni Association. They are held every second Tuesday of the month at the Little Hungarian Village Restaurant, 164 Laurier Ave., Ottawa, at 12:15 p.m. The meetings are open to SIA alumni, students, faculty, staff and guests

and cost only \$8.50. If you would like to attend, contact Fred Gale at the School of International Affairs, 564-6327, and leave a message.

Beginning in April, the SIA Alumni Association will be publishing a quarterly newsletter, including regular features of "who's doing what and where," and activities of the School and alumni. If you have any ideas or suggestions, contact the editor, Anne Lavander, at 997-1014 (day), or 746-1259 (evening).

St. Pat's

As a result of the notice in the last *Alumni News*, there was great interest in holding a reunion of St. Pat's Alumni in 1988. Many suggested holding mini-reunions for each decade (ie 1960-70 grads). So, mark March 1988 on your calendar for the next St. Pat's reunion - probably the weekend before or after March 17.

In the meantime, many expressed an interest in seeing more St. Pat's alumni news in this magazine, so a St. Pat's column is being planned.

For information and news, write to Jim Kennelly, c/o Development and Alumni Services, Carleton University, Ottawa, Ontario, K1S 5B6.

Toronto

The third annual Spring Fling for Toronto alumni is planned for Wednesday, May 20, 1987. The event will be held in the Molson building, and promises to be bigger and better than ever. Toronto alumni - watch your mail for news.

Hong Kong

A new branch for Hong Kong Alumni was established this Spring, following a meeting in Ottawa with Peter Kwong, a graduate now living in Hong Kong, and James Watson, President of the Alumni Association. Plans are underway to hold a special gathering on May 27, when alumni and representatives from the City of Ottawa will be in Hong Kong for business purposes.

Careers Insight Gets Underway

Helping students get job information is the idea behind a new program launched by the student and alumni associations this Spring.

Careers Insight drew an enthusiastic response from alumni, with more than 100 volunteering to participate in a pilot project. Volunteers were drawn from Ottawa-area alumni who had indicated on the Alumni Association membership survey that they would be interested in counselling students on career-related topics.

Jeff Rochon, BEng/73, helped to organize the program for the Alumni Council. He says he's delighted by the response to this initial effort.

"It gives us a good base to start from, and will help us to build important ties between students and alumni in the future," he said.

The program is supported by an Honorary Board of Alumni Advisers, recruited by Chris Henderson, BAHons/79, past member of the Alumni Council. The Honorary Board consists of Carleton alumni: Senator Joyce Fairbairn; Michael Cowpland, President, Corel Systems; Ivan Fellegi, Chief Statistician of Canada; Jason Moscovitz, reporter, CBC; and Maureen O'Neil, Secretary-General, Canadian Human Rights Commission.

The idea of the program is to develop a data base of alumni volunteers in different careers. Students interested in the program

will fill out an application in the Students' Association, then be put in touch with an alumni volunteer through Development and Alumni Services.

The students' objective will be to get a better idea of what a particular career is like and what skills and academic qualifications are most in demand.

Says Mr. Rochon, "Careers Insight is an ideal way to give students a bit more exposure to the career they're interested in from the point of view of someone who is familiar with the University's academic programs."

Initially, volunteers were asked to have students spend a day at work with them, or to come to the campus to speak to a group of students.

But some came up with ideas of their own, too. One volunteer offered to lead tours and group discussions of a local art gallery, while another offered to bring students to an arbitration hearing.

While it was thought the program would help to update career information about Carleton alumni, it's also been a way of updating their home residences as well. One enthusiastic reply came from New Brunswick. A check of the records led to the discovery that this alumna had left her parents' Ottawa address as her mailing address though she had moved.

The next step for the program will be to expand the number of alumni volunteers in Ottawa, and then to develop the program in other centres. Alumni who would like to volunteer or want more information should write: Careers Insight, c/o Development and Alumni Services, Carleton University, Ottawa, Ontario, K1S 5B6.

MONDAY MATTERS

MONDAY, the most boring day of the week. Until now.

The Alumni Association brings you a reason to look forward to Monday with **Monday Matters**, a monthly meeting of alumni and friends in Carleton's Faculty Club. Featured speakers from faculty and staff at Carleton will be on hand with news and information related to the University's development or research on subjects of topical interest. The gatherings will take place at 7 p.m., one Monday each month till June, and are FREE to everyone. Cash bar and food will be available. So join us, won't you, on April 27, with Professor Alan Moffit; May 25, with Professor Naomi Griffiths; and June 22, with Professor Jacques Giard. You'll find Mondays can be magnificent!

ALUMNI LUNCHEON

David Scott, Chief Commission Counsel for the Commission of Enquiry into the Facts of Allegation of Conflict of Interest Concerning the Hon. Sinclair Stevens, will be the guest speaker at the Alumni Association's Luncheon, 12 Noon - 2 p.m., on Friday, June 19 at the National Arts Centre in Ottawa. Tickets for this event are available from Development and Alumni Services. Reserve early by sending the attached form to the address indicated.

Please reserve _____ tickets @ \$15/person for the Alumni Luncheon, Friday, June 19, 1987. My cheque for _____ is enclosed.

Name _____

Ap/L/Street _____

City/Province _____

Postal Code _____

Mail to: Development and Alumni Services,
Carleton University, Ottawa, Ontario, K1S 5B6.
Please make cheques payable to Carleton University.



Members of the 1956-57 Ravens Basketball team, the first Carleton team to win a league championship, celebrated their 25th anniversary in January. Shown here are (l-r), George House, Bill Harback, Doug Rourke, Bob Nourse, Connie Poulin, Bob McAskin, Jim Fennessy, and Ernie Zoppa. They took in a Carleton-Toronto game, then the next evening, were treated to a dinner courtesy of their former head coach, Norm Fenn.

Achievements for Women

As Secretary-General of the Canadian Human Rights Commission, Maureen O'Neil, BA/64, is in a position that can significantly influence the future course of Canadian society.

It's not a new role for her. As the former Co-ordinator of Status of Women Canada, she helped bring about major advances in women's issues in Canada, and in the world.

For her part in advancing the cause of women, she was awarded the 1986 A.D. Dunton Alumni Award for Outstanding Achievement, presented at the annual meeting of the Alumni Association last fall. She was the fifth recipient of the award, and the first woman to be so honoured.

She says she first became interested in women's issues while a student at Carleton during the '60s, when "there was enormous discussion of virtually every social issue."

But though she became active in early women's liberation groups and was prepared to speak to almost any group on solutions to women's social, economic and social conditions, she wasn't pursuing a career in the area as such, she says.

Professionally, she was involved in areas of social and employment policy. Combined with her interests in women's issues, that seemed to provide "a natural background when Mr. Lalonde was looking for someone to head Status of Women Canada in 1978."

She singles out two or three areas as "really major achievements" during her eight-year term as co-ordinator.

The first, she says, were changes to the criminal code on sexual assault legislation in the early '80s.

These were brought about "by a combination of an enormously long lobby from groups outside government and the Department of Justice inside government," she says.

The effect of the legislation was to bring about changes in the way police went about their work on sex-related offences; the establishment of specific training programs for dealing with rape victims; changes in the way justice was administered and in the way hospitals reacted to rape victims; "change through the whole institutional apparatus."

Equally significant, she adds, was a parallel development in the way wife battering is handled.

As well, she says, "The inclusion of equality clauses in the Constitution was a major achievement during this time."

But she is also mindful of the work that still needs to be done, especially in taking into account the impact that economic policies have on women.

"There needs to be an acceptance that an analysis of the impact of new policies on



Maureen O'Neil, speaking at annual dinner.

women ought to be done as part of the process when these policies are being developed," she says.

Before she left her job as Co-ordinator of the Status of Women Canada, she was involved in the concluding conference for the United Nations Decade of Women, held in Nairobi in 1985. At the Conference, Canada played a major role in shaping the final report, *Forward Looking Strategies*, which was adopted by the Conference.

"We got substantive issues addressed in terms of getting the agreement of all governments in advancing strategies to the Year 2000," she says. "The importance of having government commitment is vital; in virtually all countries, this document can be used as a lever by non-governmental organizations in holding governments to their commitments."

Her role as Secretary-General of the Canadian Human Rights Commission is much less political - "We're administering the Human Rights Act, so we have a more rigorously defined role," but she adds that the Human Rights Commission can be an important instrument.

"We're working on ways of improving the operation. It's interesting to be part of a system that's administering something as complex as this."

Asked whether she thinks women are better off today than they were 20 years ago, she gives a mixed answer.

"If you're talking about girls from middle-class families headed for university

- and most don't go to university - I think they have a much better idea of their own future than girls did when I started out.

More fields are clearly open to them in areas of professional training. . . more is happening. . . the difference in expectations reflects society's expectations of them."

On the other hand, she says, life for lower-income women has not significantly improved. "The range of jobs isn't much better than it was in the '60s, the pay differential between them and men hasn't improved substantially."

Nominations are being accepted for the 1987 A.D. Dunton Alumni Award. Named in honour of the late Davidson Dunton, former president of Carleton University, this award is presented to "distinguished alumni of Carleton University as a signal honour of outstanding achievement or contribution to any field of endeavour."

The award will be presented at the annual meeting on Saturday, October 3, 1987. Nominations should include a one-page, typed summary of the reason for your selection, relevant newspaper clippings, and a CV (if available).

Submissions must be received by April 30, 1987, and should be sent in an envelope marked confidential to:

Murray Hunter
Chair, Nominations Committee
Carleton University Alumni Association
Ottawa, Ontario
K1S 5B6

Through the Years

50

Freda Harris (Young), BA/50, retired from the position of Chief Librarian of the Ministry of Solicitor-General in 1981. Her daughter **Jennifer**, BA/81, married **Robert Hayman**, BA/81, MA/85, in 1981. Freda has two grandchildren, Robert Colin Hayman born in 1982, and Andrew Gordon Hayman born in 1985.

54

David R. Francis, BJ/54, BA/59, is Canadian correspondent for the *Christian Science Monitor*. He spent ten years as Business Editor and is now enjoying travelling and gathering stories in Canada on many topics.

57

Nancy Brown, BSc/57, BLS (McGill), MLS (Toronto), MBA (Toronto), was appointed University Librarian at the University of Windsor last summer. Previously, she worked at the University of Saskatchewan where she held the position of university librarian and director of libraries since 1979.

59

Alan G. Ross, BCom/59, was appointed Assistant Deputy Minister, Management and Operational Services Sector of Supply and Services Canada effective December 8, 1986.

61

Michael C. Ross, BCom/61, a self-employed management consultant, has been appointed superintendent of brokers and real estate for B.C. securities.

63

G. Russ Buckland, BA/63, has moved to Saint John from Toronto, where he had been Vice-President of Kidd Creek Mines Ltd. He is now working with Saint John Shipbuilding, Canada's leading defence contractor, responsible for the Canadian frigate program valued at over \$14 billion.

66

Judith Hahn (Wilson), BSSC/66 (SPC), and her husband **David**, BA/69, have three children, Meredith (15), Gregory (12) and Marina (8). They have recently moved to Calgary. Judith has worked as a medical and psychiatric social worker.

Paul Loucks, BA/66, BAHons/70, is the head of the history department at Central School in St. Thomas, Ontario.

David A. Murray, BA/66, and his wife **Nancy** (Van Buskirk), are pleased to announce the birth of their fourth child, Jennifer Virginia, on November 6, 1986, a sister for Paul, John and Scott.

John A.C. Wilson, BJ/66, BEd (Queen's), was named Assistant Minister of Beacon United Church in Yarmouth, Nova Scotia, as of October 1, 1986.

67

Richard R. Beatty, BCom/67, MBA (McGill), has been appointed General Manager - Marketing, for CP Rail, IMS. He is based in Montreal.

Patricia Morley, MA/67, BA (Toronto), has published a book about the Ukrainian-Canadian painter William Kurelek called *Kurelek. A Biography* (Macmillan).

68

Alfred T. Bristow, BSc/68, BA/72 (St. Mary's), joined IBM Canada in 1979. Since July 1985 he has been involved in the development of a fourth generation DB2-based query facility. In October 1986 he accepted the further responsibility for promoting and installing this new application in other IBM country operations.

Ruth Brydon (Demayo), BSc/68, married Jim Brydon in October 1984. Ruth has taken a leave of absence from Environment Canada. They are living in Paris, France. **Kenneth R. Krauter**, BEng/68, MEng/77, was appointed General Manager, Port of Saint John, New Brunswick, in September 1986.

J. Victor Rodseth, MA/68, worked for many years in teacher training. He has now settled into a Senior Research Fellowship at the Institute for the Study of English Africa, Rhodes University. He is involved in a vast project aimed at upgrading English in black primary schools. He has published 27 educational titles (school text books) - most successfully is a school Shakespeare series now selling internationally through Edward Annola Publishers, London.

Gerry Roy, BA/68, BAHons/68, MA/70, is completing her thesis for a PhD in Comparative Literature at the University of Toronto.

Roger F. Roy, MA/68, was the Director of Marketing for Canada Place and the Canada Pavillion - Expo '86.

Jack W. Simonson, BA/68, MA/72 (Auburn), has been promoted from Chairman of the Mathematics Department at Rutherford High School, to Assistant Principal at Bay High School in Florida.

Patricia Trew, BJ/68, BA/73, has written a cookbook called *It Doesn't Have to be Gourmet to be Good*.

69

Finn-Gunar Anrep-Matthiesen, BEng/69, BEd (C of E), MEd (OISE), published a textbook in January 1986 called *Introduction to Problem Solving and File Handling* - Oxford Press. It has been approved by the Ontario Ministry of Education for use in the

Grade 11 advanced data processing program.

Hershell Ezrin, MA/69, BA (Toronto), is principal secretary and chief political adviser to Premier David Peterson at Queen's Park in Toronto.

David Hahn, BA/69, and his wife **Judith (Wilson)**, BSSC/66 (SPC), have three children, Meredith (15), Gregory (12) and Marina (8). David was Director Human Resources - Sunoco Group (Suncor). He has been transferred with Suncor as Director Human Resources and Administration, Resources Group in Calgary.

Gail Larose (Luther), BAHons/69, MA/70, has taken up a new appointment in London, England, as chief of the Commonwealth Secretariat's higher education unit. She is the first Canadian and the first woman to be appointed to this post. Formerly, she was director of international relations and scholarship administration for the Association of Universities and Colleges of Canada.

James G. Murray, MA/69, BA/68 (McMaster), MSc/80 (Guelph), EdD/85 (Toronto), has left academe after 18 years as a senior academic-administrator and faculty member to become President of Jay Gibson Associates, a broadly-based management consulting and research firm.

Tom Schroeter, BScHons/69, moved from Smithers, B.C., to Vancouver in June 1986 to become Senior Regional Geologist for the Ministry of Energy, Mines and Petroleum Resources.

Christopher Sharpe, BAHons/69, has just completed a three-year term as Head of the Department of Geography at Memorial University. He has been appointed to a three-year term as Associate Dean of the School of Graduate Studies. He has been at Memorial since 1975.

Fraser Sutherland, BJ/69, has written eight books. His most recent is called *In the Village of Alias* (Pottersfield Press). He was managing editor of Books in Canada for two years.

70

Susan Abell, MSW/70, BA/64 (Queen's), has been appointed executive director of Kingston's Children's Aid Society.

James L. Barlow, BSc/70, BScHons/71, graduated from the University of Winnipeg with a Masters in Public Affairs.

Jacqueline Gresko (Kennedy), MA/70, BAHons/69 (UBC), is a historian at Douglas College in New Westminster, British Columbia. She directed and edited a history based on a student project called *Fraserport: Freightway to the Pacific 1858-1985*. This project was under the sponsorship of the Fraser River Harbour Commission and was published in November 1986 by Sono Nis Press.

Richard Kohler, BA/70, his wife Edwina

and two children, Nicholas (12) and Rebecca (9), have been in Bangkok, Thailand, since August 1985. Richard is Counsellor (Commercial) and Consul at the Canadian Embassy in Thailand.

Louise Montague, BA/70 (SPC), has moved to Ottawa from London and says she is glad to be back. She is managing the Royal Trust Office on Merivale Road.

Ed Waddington, MA/70, received an LLB from Osgoode Hall in 1974, and was called to the Bar in 1976. He married Sharon Strickland in 1971. They have two children; Geoff born in 1975, and Ashley born in 1977.

71

David Chapman, BA/71 (SPC), has been appointed to the position of Assistant General Manager and Chief Trader, International Money Markets, with the Canadian Imperial Bank of Commerce in Toronto.

Lindsay E. Wakelin, BSc/71, bought a house last year. Her younger son is married and she has one granddaughter. Lindsay says she plans to build a cottage in the country this year, and is involved with the community centre, political party and art classes. As well, she is working on her Advanced Registration as a Technologist (A.R.T.).

72

Gary Barnes, BA/72, is practising criminal law in Ottawa. He and his wife Suzanne have one daughter and two sons.

I. Barry Brownness, BA/72, is working in St John's, Newfoundland, as Regional Manager, Personnel, for Transport Canada. He has been married to Monica Jean Phillips for 10 years. They have two children: Andrea (8) and Kyle (4).

Roger Dufour, MA/72, had an exhibition in New Brunswick called "New Paintings", a collection of watercolours.

Soheir K. Girgis, MA/72, has been on unpaid leave since 1982 when she joined her husband, Ramses, in the Caribbean for two-and-one-half years. They went to Cairo, Egypt for one year and are now in Istanbul, Turkey for an indefinite period. Soheir is freelancing and publishing in Arab newspapers and magazines. She is also studying Spanish.

John Gould, BA/72, MDiv/77 (Queen's), is Sales Director for Ronald P. Frye & Co. He returned to the east in July to develop the market for Frye books and the firm's distributorships. He also manages the retail division - Duckworth Books.

Richard Little, BCom/72, recently moved from Kingston, Ontario, to Montreal, Quebec, to accept a position as product manager with MSD AGVET, the agricultural and veterinary products division of Merck Frosst Canada Inc.

W. Keith McLaughlin, BA/72, MLS/78 (Alberta), MEd/86 (Alberta), has been appointed Director, Library Services, Alberta Community and Occupational Health. Formerly, he was Manager, Information

Services, Alberta Occupational Health and Safety Division, for three years.

J.C. Randolph, PhD/72, has been appointed associate dean for research and external programs at Indiana University.

Tom Sherwood, MA/72, is Minister at Orleans United Church and is a participant in "Focus Religion", an interfaith discussion program which is broadcast on CJSB radio weekly.

Graham White, BEng/72, recently moved to Sydney, Australia to join DRICON, a company specializing in developing new ideas in air conditioning.

73

Maud Bones (Liebeck), BA/73, and **Herman Bones**, BAHons/73, have been married for 13 years. They have two daughters, Emily (7) and Alison (4).

Louise G. Burkholder (Foucault), BAHons/73, and her husband **Paul**, BA/74, have two children, Michele (5) and Steven (3). They are living in Edmonton where Louise is working part-time supervising French teachers.

Lawrence Chandler, BCom/73, moved to Aurora, Ontario in November. He recently became President of the Staff Association of Imperial Life in Toronto. He and his wife Elizabeth have two children, Petra and Scott.

G. Richard Cook, BA/73, has been appointed vice-president of sales, marketing and service for AES Data Inc. in Canada. **Susan Cunliffe-Hendricks**, BA/73 (SPC), MLS/80 (Toronto), has been working at the Oshawa General Hospital since 1980. She recently served on a task force which resulted in the formation of the Ontario Hospital Libraries Association. She is a member of the editorial team for the *OHLA Newsline* and Toronto Health Libraries Association Newsletter.

Ronald E. Drolet, BEng/73, MEng/81, has been living in Victoria, B.C. since 1980. He is married to Frances (Palermo). They have two children, Tony (4) and Joey (2). Ronald is working with BC Transit as manager of all transit programs outside Vancouver and Victoria, including contracting out for provision of transit services, planning and administration in over 40 communities.

Vincent Hendricks, BA/73 (SPC), is farming a new 71-acre farm on a part-time basis in Newcastle, Ontario.

Paul F. Hughes, BA/73, BEd/76 (Queen's), MEd/82 (UBC), has been producing video and computer based training programs. He has just formed a new company, Rebus Communications, to design and produce interactive training and information systems, mainly for telecommunication and high-tech companies.

Timothy Kuash, BA/73 (SPC), Hons/75, is Vice-President - Government & Public Affairs of the Business Council of British Columbia in Vancouver. Before moving to Vancouver, he worked on Parliament Hill as executive assistant to Hon. Ron Huntington.

James T. Leonard, BA/73 (SPC), BEd/74 (Queen's), has been elected trustee in Prescott-Russell and is Chairman of the English Language Education Council for the Prescott-Russell Catholic School Board.

Paul Morel, BA/73, BMus/74, graduated with distinction in September 1986 with an MBA from the Delft University of Technology, Research Institute for Management Science in Holland. He plans to continue towards a PhD in Economics in Holland or England. Before coming to Holland, he spent eight years in development projects in Asia and Africa.

Beverley A. Nitschke, BA/73 (SPC), is the recipient of an Educational Foundation American Fellowship of \$10,000 from the American Association of University Women for pre-doctoral research. Her dissertation title is *The Third Sacrament? Confession and Forgiveness in the Lutheran Book of Worship*. She is conducting her research at the University of Notre Dame in Indiana.

74

Gary R. Bardell, BEng/74, received an MBA from the University of Alberta in 1984.

Ronald Michael Barron, PhD/74, BA/70 (Windsor), MSc/71 (Windsor), has been appointed Chairman/Head of the Mathematics & Statistics Department at the University of Windsor. He is married to Coral (Mailoux). They have two children, Melissa Chentell (14), and Ronald Melvin Jr. (11).

Dave Bennett, BA/74, and Glenda are pleased to announce the birth of their first child, Koni Lee, on April 5, 1986. Dave is Insurance Manager, New Products, for Digital Equipment of Canada (Ottawa).

Gordon Bunke, BA/74, is the Director of Communications for the Ottawa Rough Riders of the CFL.

Paul Burkholder, BA/74, and his wife **Louise G. (Foucault)**, BAHons/73, have two children, Michele (5) and Steven (3). They are living in Edmonton where Paul is working with Indian & Northern Affairs. **John D. Burns**, BA/74, and his wife, Judy (Poitras), former Departmental Administrator of the Carleton School of Journalism, have moved to Phoenix, Arizona. John is the Director of Property Reservations for Ramada Hotels and is responsible for reservations and electronic communications to 575 hotels and inns.

Lisabeth Holmes, BA/74, MSW/82, MPS/74 (St. Paul's), worked as a caseworker and supervisor with the Children's Aid Society of Ottawa-Carleton for four years. She has moved to Halifax where she is a candidate for a religious order, the Society of the Sacred Heart. She is teaching sociology and developing a counselling service for Sacred Heart School.

Gary Houghton, BSc/74, moved to British Columbia in 1980 after five years with RCA in Ste Anne de Bellevue. He bartended for five years in Gibsons. He is working under contract at Simon Fraser University on

"Quick Chip" project, laser patterning ICs. **Pat Klowak (Garland)**, BA/74 (SPC), and her husband **John**, (BEng/74), are pleased to announce the birth of a son, Robert, a brother for Jason.

Kathy Kohut, BJ/74, worked for two years as a reporter for *Yellowknife*, covering city hall and territorial politics. She is now working for *News/North* as its Yellowknife reporter.

Barry J. Lalonde, BCom/74, has been working for Peat Marwick in Ottawa since graduation. He has recently been elected to partnership of the firm.

Peter Last, BEng/74, MEng/79 (Western), is working as a civil engineer for Acres International Ltd. in Niagara Falls. He is Civil Co-ordinator for the 540 Mw Chamara Hydroelectric Project in India. He invites any '74 Engineering graduates passing through Niagara Falls to drop him a line. **Glenn McDougall**, BCom/74, is married and has two children.

Michael Mitchell, BA/74 (SPC), was ordained on June 13, 1980, after earning a theology degree from St. Paul's University in Ottawa. He is a member of the pastoral team at St. Mary's Roman Catholic Church in Fort Frances, Ontario.

Emano Moniz, MEng/74, MBA/85 (Alberta), is working as assistant to the General Manager at Trow Inc., Consulting Engineers, at their corporate office in Brampton, Ontario.

Daniel A. Savage, BA/74, MLS/81 (Dalhousie), has recently been reappointed by the Board of Governors of Redeemer College to another three year term as Chief Librarian. Redeemer College is a privately funded and independent Christian liberal arts college in Hamilton, Ontario.

Nicholas Scromeda, BA/74, spent two years with the United Nations Relief and Works Agency in Jordan. He is now working as a management consultant at National Defence Headquarters in Ottawa.

Thomas Schnurmacher, BJ/74, BA (McGill), is a popular columnist for the Montreal Gazette. He also broadcasts a daily two-minute report of reviews and information on Montreal radio station CJFM FM 96.

Andrew I. Spolsky, BEng/74, MEng/80, is living in Burnaby, B.C. He is working with Microtel Pacific Research in the area of satellite product planning and design.

Julia Webster, BA/74, BAHons/81, MLS/83 (Toronto), is Research Co-ordinator with Robinson Fraser Group, an executive recruiting firm.

75

Grace Chin, BA/75, has moved to Los Angeles to set up a makeup business called Grace Chin's Moodwear. Formerly, she had a shop called Grace Chin's Total Look on Sussex Drive in Ottawa.

Michael Clarke, BCom/75, worked for six years as Comptroller of the Software Services division of Digital Equipment of Canada. In October 1986 he began working for

the Carleton Board of Education as Manager of Finance and Administration. **Pamela Deacon**, MA/75, BA (Toronto), spent three years with the Canadian Embassy in Washington as First Secretary responsible for Canada/U.S. environmental issues. She and her husband are returning to Ottawa to assume new responsibilities in External Affairs. Pamela will be with the Arms Control and Disarmament Division. **Gerald Graham**, MA/75, BA (Loyola), PhD (Geneva), was a consultant to the United Nations and the Organization for Economic Cooperation and Development. He worked for the House of Commons as a researcher and at Energy, Mines and Resources as a policy analyst. For the past two years he has been a consultant in international affairs, based in Ottawa.

Arie Hoogenboom, BA/75, joined the town of Prescott as special program co-ordinator in 1976 and on April 1, 1986, became clerk administrator. He has been awarded the advanced designation of Certified Municipal Officer.

Lisa Hopkins, BAHons/75, is the Director of the Women's Bureau of Progressive Conservative National Headquarters in Ottawa.

Joseph S. Macies, BCom/75, MBA (York), has been admitted to the partnership of Arthur Andersen & Co., Management Consultants.

Richard Paton, MA/75, BA/69 (Ottawa), MPA/81 (Harvard), moved from Office of the Auditor General in the Fall of 1986 to a position as Executive Director with the Privy Council Office (Federal Government). He is working on the Osbaldeston Accountability Study.

John Sparks, BJ/75, BEd (Saskatchewan), is Director of Corporate Communications of IPSCO Inc. in Regina, Saskatchewan. He is also District Director of the International Association of Business Communicators, Canada District, and is Vice-President of Public Relations for Western Canada Summer Games (1987). He and his wife Robin (Mitchell) are pleased to announce the birth of a baby girl, Caitlin Colburne Sparks, in April 1986.

76

Susan Braun (Clarke), BAHons/76, and her husband Ludwig are delighted to announce the birth of their third daughter, Juliana Louisa, on June 16, 1986.

Daniel Cooper, BA/76, MDiv/79 (Western), and **Kathryn (Kerr)**, BA/76, are pleased to announce the birth of a son, Jamie, a brother for Mark. Dan is pastoring the Pentecostal Church in Lennoxville, Quebec.

Jennifer Farrer (Bradley), BA/76, LLB/79 (Queen's), and her husband Alan, are pleased to announce the birth of their second child, Patrick Bradley on July 21, 1986, a brother for Geoffrey Alan (2).

Wayne Grover, BEng/76, is Manager of Research in the newly formed Alberta Telecommunications Research Centre (ATRC) and Adjunct Professor of Electrical Engineering at the University of Alber-

ta. The ATRC was established in 1986 by the University of Alberta, Bell Northern Research Ltd. and the Province of Alberta as a state-of-the-art facility for joint industrial and university research in telecommunications systems and technology.

LCdr. Carr Hallett, BEng/76, married Joan Greenwood of Halifax, N.S. in December 1984. Carr graduated with an MSc in marine engineering from Royal Naval Engineering College, Plymouth, U.K. in July, 1986. He is working with the Ministry of Defence (Navy) in Bath, U.K.

Anne Lakanen, BA/76, obtained a Certificate in Surveying from the University of New Brunswick in 1985. She is a survey engineer with the Department of Energy, Mines and Resources in Ottawa.

77

Victor C. Allman, DPA/77, MA/79, BA (Saskatchewan), just completed a two year secondment to the Ontario Manpower Commission, Government of Ontario as Senior Economist, Human Resource Planning. His major assignment involved development and implementation of a marketing strategy to encourage greater human resource planning by private sector employers in Ontario.

Robert C. Bellefeuille, BSc/77, has been appointed Manager of Financial Analysis for the Container Board Division of Domtar Packaging in Malton (Mississauga).

Linda Alixe Civkin, BA/77, recently married Ezra Semach of Tel Aviv, Israel. Linda is currently writing for the only country-wide tourist magazine in Israel. She is based in Tel Aviv.

John Dancause, BA/77, worked for Travelers Canada for five years as a claims representative. He recently began working with Ontario Blue Cross as a marketing representative, specializing in employee health benefits.

Daryl Grant, BA/77, BAHons/80, graduated in 1982 with an MCA. He began working for the Ontario Ministry of Correctional Services in 1982 as a classification officer in a detention centre. For the last three years he has been working as a probation and parole officer in Toronto, Napanee and Ottawa.

J. Brian Labelle, BAHons/77, MSc/79 (London School of Economics) and his wife Shayesteh are pleased to announce the birth of their second child, Roxanne, on June 21, 1985, a sister for Darius (3). Brian is a planner at Canadian Pacific Airlines in Vancouver. They recently returned from Bahrain where Brian was an economic analyst at Gulf Air.

Joan Lambert (Price), BA/77, BAHons/86, is a teacher for the Ottawa Public School Board.

Richard J. Paradis, BJ/77, has left Federal Communications to head a consulting group in Montreal in the areas of communications and cultural industries.

Lorna Piercey (Berndt), BAHons/77, has been living in St. John's, Newfoundland, since 1977. She received an MSc in Develop-

mental/Clinical Psychology and is working at the Children's Rehabilitation Centre. She is married to Randy Piercey, who is a lawyer, and they are expecting their first child in March 1987.

Anthony V. Sroka, BAHons/77, has migrated back to Ottawa with his wife, **Corey Peabody-Sroka**, BA/78, and daughter, Kyley, to take up the position of Senior Planner within the City of Ottawa's Planning Branch.

Nelson M. Tsui, BA/77, MBA/81 (City College), LLB/86 (Victoria), is married to Patricia Haley. They have two children, Ingrid (7) and Haley (3). Nelson is articling in Vancouver and will be called to the B.C. Bar in June 1987.

Rosemary Wallace (Cain), BAHons/77, graduated from Seton Hall Law School, Newark, New Jersey, in June 1985. She served as Judicial Clerk to Hon. Peter W. Thomas, Judge of Superior Court of New Jersey from September 1985 to September 1986, and became associated with the law firm of Jacobs, Todd & Bruso in Atlantic City in September 1986. She married William Michael Wallace on September 27, 1985. They are living in Ocean City, New Jersey. **James F. Ward**, BAHons/77, is pleased to announce the birth of a son, James Andrew, on May 10, 1986.

Richard Worstold, MA/77, is a systems engineer with Litton Systems Canada Limited - Advance Programs Group.

78

Brian Ahearn, BEng/78, and his wife, Donna, are pleased to announce the birth of their first child, Kaitlyn Anne, on November 5, 1986. Brian is working with Imperial Oil Ltd. in Toronto.

Melinda Bacon (Hughes), BJ/78, continues her freelance magazine writing - her assignments are to appear in an upcoming issue of *Wedding Bells*.

Robin E. Buckingham, BCom/78, has been appointed Personnel Administration Vice-President of the National Life Assurance Company of Canada.

Jacques Chasse, BScHons/78, was divorced in 1986. He attended the University of British Columbia in 1985-86, and obtained his professional teaching certificate. He moved back to Ontario in the summer of 1986 and is on the Toronto School Board for occasional teachers.

Roy Hardy, BAHons/78, and his wife Karen Kellner are pleased to announce the birth of a baby girl, Tamsen Kataleen, on September 7, 1986. Roy became a senior project officer in the Youth Employment Services Branch of the Ontario Ministry of Skills Development in July. They plan to move to Brantford.

Jon Herberman, BA/78, MA/82 (York), married Heidi Steinberg in 1979. Their first daughter Alexis Tara was born in 1984. They are expecting a second child in March 1987. Jon has worked with the Ministry of Energy for the last four years and was recently promoted to project management for

innovative energy technology development. **Peter Howell**, BJ/78, left his position as reporter for *The Toronto Sun* after nine years, to become Editor-in-Chief of *The Catholic Register*, Canada's national weekly Catholic newspaper. Peter and his wife Margaret are pleased to announce the birth of their son, Joseph.

Carol E. Keith-Rigby, BA/78 (SPC), BAHons/79, MA/81, is married to **Bruce Rigby**, BAHons/80, MA/82. She is an instructor in communications at Arctic College in Iqaluit, Northwest Territories.

Simon L. Leibovitz, BAHons/78, BEd/79 (Queen's), married Beth (Laurie), BAHons/BEd (York), on October 29, 1986. They are living in Guelph where Simon is Assistant to the Director of Education for The Wellington County Board of Education and Beth teaches elementary school.

J. Michel Longtin, BA/78, and his wife, Sue, are pleased to announce the birth of their first child, Robert, on September 8, 1986. Michel has recently accepted a position as financial planner with a company called the New England. He (with partners) has opened a new office in Watertown, N.Y. called B.E.L. Associates Ltd. selling all types of insurance products.

Roxanne Merits, BJ/78, and her husband Andrew Douglas, are pleased to announce the birth of twin boys on June 26, 1986. They are living in Burritts Rapids, just south of Ottawa.

Kenneth C. Morell, BCom/78, is an audit manager with Arthur Andersen & Co. in Boston, Massachusetts. He is living in the suburb of Winchester.

Deanna Refling (Witiuk), BScHons/78, married Glenn Refling in May 1983. Deanna works for the Ontario Ministry of Labour in the Occupational Health Laboratory in Weston, Ontario.

Charlotte C. Staples, BA/78, is still pursuing the cello, while making a living at University of Toronto library and teaching music.

Judy Wasylcyia-Leis, MA/78, was appointed Manitoba's Minister of Culture, Heritage and Recreation, with responsibility for Status of Women and the Manitoba Lotteries Act in April, 1986. She is married and has a son who is two years old.

Darlene Wight, BAHons/78, MA/81, moved from Ottawa to Winnipeg to take up an appointment as Associate Curator of Inuit art at the Winnipeg Art Gallery. She is responsible for the largest collection of Inuit art in the world.

79

Kimberley Bates, APR, BJ/79, was awarded the designation of APR this year by the Canadian Public Relations Society after successfully undergoing a written and oral exam.

Shelley Joy Civkin, BAHons/79, MLS/83 (UBC), is working as a reference librarian at the Richmond Public Library in Richmond, British Columbia.

Ronald Hobson, BCom/79, received a

Graduate Diploma in Accountancy from Concordia University of Montreal in 1983 and obtained a Chartered Accountant designation in 1984. He moved to Kanata in January 1986 to work in public accountancy with a small, local CA firm.

Larry Lim, BCom/79, and **Elizabeth (Harris)**, BA/78 (SPC), are pleased to announce the birth of their first child, Leah Elizabeth, on July 2, 1986. They are living in Calgary. Larry has been promoted to Senior Manager of the accounting firm Thorne Ernst and Whinney.

Mary-Anne Martin (Church), BSc/79, and her husband, Tom, are pleased to announce the birth of a son Robert, in July 1986, a brother for Andrea (6) and Christopher (3). **Debra Merowitz**, BA/79, is an information officer at Statistics Canada's Ontario Regional Office in Toronto. She was married in the fall.

Alan S. Oddy, BEng/79, MEng/80, was awarded an \$8,500 War Memorial Scholarship from IODE. He is working towards a PhD at Carleton and for his thesis is investigating the finite element analysis of thermal plasticity in welds.

Valerie Potter, BAHons/79, has been at the University of Western Ontario since May 1986 and will graduate in June 1987 with a Masters of Library and Information Science. She will be looking for employment in the Toronto area.

Ross Roxburgh, MA/79, was elected to the partnership of Touche Ross Management in September 1986. He is responsible for Human Resource and Organization Services in the National Capital Region.

Peter T. Sametz, BAHons/79, married Susan Elias on August 28, 1982. Peter has been Business Manager for the Lethbridge Symphony Association since June 1982. Peter and Susan have a son Matthew, born in June 1983; a daughter Hillary, born in April 1985; and are expecting their third child in July 1987.

Margo Smith (Kaplansky), BA/79, just completed an MA in history at Concordia University in Montreal.

Don Stevens, BEng/79, married **Kellie (Garrett)**, BA/82, on August 25, 1984. They sailed together from 1982-84 from Toronto to the Caribbean on a 40-foot ketch. Don is working for Bell Canada in Oshawa.

John Patrick Stewart, BScHons/79, MSc (Toronto), MD/86 (McMaster), is specializing in family medicine at the Ottawa Civic Hospital.

Gregg Yeaton, BJ/79, has come up from down under and is practising law with the Halifax firm Livingstone Cox.

80

Roseanne Armitage, MA/80, PhD/86, BScHons/78 (Dalhousie), has accepted a position as Research Fellow in the School of Psychology at the University of Ottawa.

Robert Billingham, BA/80, married **Andrea (Spack)**, BAHons/84, on August 16, 1986. Robert works for Bell Canada as a systems development manager.

Gerry D. Deacon, BA/80, attended University of Alberta in 1980 and received a scholarship for high academic standing. He graduated from the University of Alberta with an LLB in 1984. He articulated at Witten Binder in Edmonton and is in general practice at Paton Croll.

David Forsyth, BA/80, worked as an assistant manager after graduation with the Bank of Montreal in B.C. He returned to Ontario in 1983 to join National Trust as an assistant manager. In 1984 he was transferred to the Cash Management Section of the Comptroller's Department and is now Banking Section Head. He is studying for his CGA designation and taking his TCI exams.

David Goldberg, MA/80, BA (York), PhD (McGill), is director of Northwest Canada Region for B'nai B'rith Canada. He is serving as liaison to the Jewish communities of Alberta and Saskatchewan.

Tony Hamill, BJ/80, spent one year in Lakefield and two at *The Hamilton Spectator*. He is scriptwriting, performing and directing with a New York City off-broadway theatre company as well as studying drama at the Herbert-Berghol Studio.

Darrel Kent, BA/80, is the Alderman for the Alta Vista area in Ottawa.

Gordon Kent, BJ/80, has left a reporting job with the *Brandon Sun* to become a reporter with the *Edmonton Journal*.

Christine Landry, BJ/80, began working for Statistics Canada in December 1985. She worked on the public communications program for the 1986 Census in Toronto. In September 1986 she began working in the London office in the Department of Regional Industrial Expansion and Export Development Corporation. Her role is to market and promote their products and services.

Lewis Miskell, BA/80, is working with External Affairs. He has recently been transferred from Bogota, Colombia, to Belgrade, Yugoslavia, for two years.

Michael J. Neville, BA/80, BA/86, left employment at Carleton University to assume the position of Admissions Officer with Athabasca University in November 1986.

James A. O'Connor, MA/80, is taking over as Base Comptroller at CFB Borden in Ontario on return from the Royal Navy Staff College in Greenwich, England.

Ruth Panofsky, BAHons/80, is working on her doctorate in English literature at York University. She married Gary Gottlieb in June 1984.

Bruce Rigby, BAHons/80, MA/82, is married to **Carol E. Keith-Rigby**, BA/78 (SPC), BAHons/79, MA/81. He accepted the position of Chairman of the Department of Environmental Technology of Arctic College in Iqaluit, Northwest Territories, as of September 1, 1986. He is responsible for developing an environmental training program for residents of the Eastern Arctic.

Roger Roome, BA/80, is working as a Development Educator with Canada World Youth on a three month project in Springhill, Nova Scotia, which will be followed by a similar period in Trelawny, Jamaica. He plans to return to Ottawa in March 1987.

Brenda Sandilands, CTESL/80, is completing an MA in TEFL at the University of Reading in England. She is employed by the University of Modern Languages and Literature in Milan, Italy. She would like to hear from former classmates.

Michael Tremayne, BEng/80, married Lynn Melvin on July 11, 1981. They have two children; David (1-1/2) and Adrienne (5 months). Michael left Energy, Mines and Resources in November 1986 and is working in the Technology and Development Department at Consumers' Gas in Toronto. They are living in Newmarket.

Nancy York, BSc/80, returned to Ottawa in August 1985 after four years in the U.S. Their second child, Jeffrey, was born in February 1986, a brother for Steven (born in April 1983). Nancy is on the Board of Directors for Community Co-op Preschool, and the Association of Bright Children (Ottawa Branch).

Ruth Znotins, BA/80, and her husband Michael Monette, are pleased to announce the birth of their first child, Richard Elliot, on October 9, 1986. Ruth is employed by the Employment and Immigration Commission in Hull, Quebec.

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David M. Bolger, BA/81, BAHons/82, MA/83, LLL (Ottawa), is studying at the Université de Moncton for his LLB degree. He hopes to return to Ottawa to practise law after graduation.

Cathryn Colp, CTESL/81, BA (Manitoba), taught English as a Second Language in Nigeria and Japan for three years. She is studying at OISE for an MEd, focusing on cross-cultural communication.

Mary Susan Douglas, BAHons/81, MLS/83, worked in London for two years before she returned to Ottawa. She worked as a consultant with the Canadian Hospital Association on their information network (Infohealth/Infosanté). In March 1986 she accepted the position of Director of Research and Communication with British American Bank Note.

Guy Felio, MEng/81, spent three years in Texas studying for a PhD and was appointed assistant professor at UCLA, Civil Engineering Department in 1984. He is spending a one-year sabbatical (until July 1987) as Visiting Professor of Civil Engineering at Carleton. He is performing research on the 1985 Mexico earthquake. He married Roxanne Brousseau in 1981.

Kathy Froome, BA/81, BAHons/83, MEd/86 (Ottawa), is teaching at the intermediate level for the Ottawa Board of Education.

T. Sean Harvey, BAHons/81, MA/83, LLB/85 (Western), will graduate from the University of Toronto with an MBA in 1987. He is articling with a law firm in Toronto.

Jeanne Klodt, BA/81, has taken an early retirement. She has moved to a small central Ontario town and is leisurely pursuing post graduate studies at the University of Waterloo.

Chris Leggat, BA/81, BEd (Queen's), is currently teaching secondary school English in Coronation, Alberta. She can be reached at Box 493, Oyen, Alberta, T0J 2J0.

Linda MacLennan, BJ/81, has been appointed co-anchor of the evening newscast for CBS's Chicago affiliate, WBBM. She was co-host of 'Canada AM' on CTV.

Robert Orchin, BEng/81, is working as a Traffic Engineer for the City of Cornwall.

Ken Peacocke, BA/81, BAHons/83, and **Debbie Gallinger**, BAHons/81, BEd/84 (Ottawa), were married on August 10, 1985 in Cornwall, Ontario. They are living in London, Ontario where Ken is studying law at the University of Western Ontario. Debbie is working on a federal government project.

Lori Seeley (Barkey), BA/81, was married on September 28, 1985. She has been working with the federal government since graduation.

Diane Stuemer (King), BJ/81, is pleased to announce the birth of a son, Michael, on July 8, 1986.

H. Morley Verdier, BA/81, and his wife Brenda are pleased to announce the birth of their son, Brian André, on August 2, 1986. Morley works as private secretary to

the Government Whip of The Senate, Senator Hon. Orville H. Phillips.

82

Karen Blackledge, BPA/82, MBA/86 (York), is working as a policy officer for the provincial government in Toronto. She was formerly an Internal Auditor.

Keith M. Boswell, MA/82, BAHons/79 (Dalhousie), LLB/83 (Toronto), has returned to Prince Edward Island to commence private practice as a lawyer with Dean C. Shaw Law Office in Charlottetown. He is a member of the Law Society of Upper Canada.

Isabel Collings (Pareta), BA/82, married **Gordon Collings**, BEng/85, in December 1984. Isabel is a French Immersion teacher with the Peel Board of Education in Mississauga.

Yvette Diepenbrock, BJ/82, has temporarily relocated to Toronto where she has joined the Corporate Communications Department of the Canadian Red Cross Society. She will return to Ottawa in May, when the Red Cross moves its national headquarters to the nation's capital.

Joanna Doherty, MA/82, BA (Toronto), has given numerous seminars on Canadian Art. She has worked at the National Gallery, the Museum of Man, and Rideau Hall in her capacity as an art historian. Currently, she is engaged in research on Ojibwa bear myths and bear illustrations. She recently completed teaching a course on Canadian Art at the Kanata Recreation Department. **Louise Dompierre**, MA/82, BA/78 (Queen's), is curator and co-ordinator of the art gallery at Harbourfront in Toronto. She assembled the exhibition which showed at the Agnes Etherington Art Centre called "John Lyman 1886-1967: I Live By My Eyes."

Peter C. Eaton, BA/82, BAHons/83, recently graduated from the University of Western Ontario with an MBA. He is working as an investment banker at Midland Doherty Ltd. in Toronto.

Todd Johansen, BCom/82, writes that he is alive and well, living in the deserts of Arizona.

Carol Kozak (Parafenko), BAHons/82, is Entertainment Editor for the Guelph Royal Tribune.

Marie Noonan, BA/82, is working as a volunteer with a Catholic missionary group in Kenya. She is assigned to the Harahibi (Swahili for Kenya's self-help school system), where she is teaching Grade 10.

Mary Ellen Saint Laurent (Joncas), BA/82, BEd/83 (Ottawa), is a supply teacher in the Orleans area.

Edward Schroeter, BJ/82, was named co-winner of Inspiration '86, Saskatchewan's one-act playwriting contest, on September 10, 1986.

Kellie Stevens (Garrett), BA/82, married **Don Stevens**, BEng/79, on August 25, 1984. They sailed together from 1982-84 from Toronto to the Caribbean on a 40-foot ketch.

Yolanda Sutherland (Vandergeest),

BScHons/82, and her husband **Brian**, BEng/83, are pleased to announce the birth of their first child, Sarah Corinne, on July 18, 1986.

Diana Tyndale, BAHons/82, lived in Toronto for three years where she worked as Publicity Director for le Théâtre du P'tit Bonheur (Toronto's only professional French theatre). She obtained a certificate in Management Development for Arts Administrators from the Banff Centre School of Management in August 1984. She has just returned to Montreal after backpacking around Australia, New Zealand and Fiji for five months.

Freddy J.Q. Woon, BA/82, was called to the English Bar in November 1986. He is a member of the Honourable Society of Inner Temple. He worked as a barrister with Michael Sayers, a senior crime barrister in England and Wales. In January 1987 he went to Hong Kong to work in the Chambers of Gilbert Rodway, Q.C. which specializes in crime and family cases.

83

Pamela Bazinet (Bouchard), BA/83, BEd/84 (Ottawa), married MCPL Paul Bazinet on May 17, 1986 in Brockville, Ontario. They are living in Lahr, West Germany where Paul is stationed with base comptroller as a financial supervisor.

Ellin Bessner, BJ/83, is the new reporter in CBC's Halifax Radio Newsroom. She spent the last two years with CBC in Moncton, New Brunswick.

Beverley A. Charlebois (Joncas), BAHons/83, has been promoted to Administrative Officer at the Canadian Imperial Bank of Commerce.

Sharon Crawford (Kelly), BCom/83, BEd (Queen's), and Gary moved to North Bay in March 1986. Sharon was appointed Affirmative Action Coordinator for the East Parry Sound Board of Education in April 1986.

Joseph Oladejo Faniran, MA/83, BA (Ottawa), published an article, entitled "An Institutional Framework for Establishing and Sustaining a New Order of Communication in Nigeria" in *Communicatio Socialis Yearbook: Journal of Christian Communication in the Third World*, Vol. IV, 1985.

Jane Gauthier, BCom/83, is in her first year of law (common) at the University of Ottawa.

Mary Gordon, BA/83, writes she is taking a maternity leave from her job as skills trainer for mentally handicapped adults. In September, she married Jake Clifford while on tour of Expo '86 with their 20-month-old beauty Hannah. She will return to her job at the Association for Individuals with Mental Handicaps in February 1987. Next year they will be working hard building a home on their acreage south of Prince George.

Douglas Hayman, BA/83, MDiv/86 (Wycliffe), was ordained Deacon on May 7, 1986 and Priest on December 4, 1986.

John-Barry Livingstone, BArch/83, is an associate partner/design architect for a large

South African architectural practice based in Cape Town. He is also freelancing as a consultant for self-help urbanization schemes in sub-economic areas.

Kevin Lunau, BID/83, is working to develop products and services for the elderly with West Park Research, a small research group attached to the University of Toronto. He recently won the first prize of a trip to Italy for his entry in the Artemide Lighting Competition held at the International Furniture Show in Montreal. It was a new handrail system incorporating lights, a child rail, and new research data (in the form of dimensions) developed at West Park Research.

Tammie McGee-Warren, BAHons/83, MA/84 (Western), BEd/85 (Toronto), married Mark Warren on July 5, 1986. Tammie is teaching secondary school in Pickering and living in Whitley, Ontario.

Ruth McMahon, BJ/83, began working for R.L. Crain in October. She was promoted to Acting Manager, Advertising and Sales Promotion in December.

Brian Sutherland, BEng/83, and his wife, **Yolanda (Vandergest)**, BScHons/82, are pleased to announce the birth of their first child, Sarah Corinne, on July 18, 1986.

Lois Timmins, BA/83, is married to a self-employed contractor. She is the mother of three - Scott in second year business at Carleton, and Paul and Julie in Arnprior High School. In 1986, they converted the family garage into Lois' Woolen Workshop in Pakenham, Ontario, a one-stop shopping centre for supplies and knowledge to create and design Eskimo Parkas.

Joseph R. Truesdell, BA/83, began working as Executive/Technical Director with the Saskatchewan Canoe Association in Regina on October 1, 1986.

Glen Williams, BA/83, is marketing manager for Southern Alberta with Dayco Canada. He and his wife Wendy have lived in Calgary for the past seven months.

84

Andrea Billingham (Spack), BAHons/84, married **Robert Billingham**, BA/80, on August 16, 1986. Andrea is employed by the law firm Smart & Biggar in Ottawa.

Steven A. Bushey, MA/84, writes to say that his thesis project at Carleton: *The Catamount Trail* is "going great guns". There is an article about it in this winter's *Vermont Life*. His organization for cross country skiers is growing rapidly.

Maureen Carruthers (Harris), BA/84, married **Bruce Carruthers**, BEng/85, in June 1984. They are pleased to announce the birth of their first child, Jonathan Robert, on July 12, 1986. Maureen is nursing on a part-time basis in the Psychiatry Department at the Queensway Carleton Hospital in Ottawa.

Christine A. Clark, BAHons/84, is working with the Ontario Editorial Bureau as a consultant. Formerly, she was employed in the Corporate Communications Department at Suncor Inc.

Ed G. Crain, BA/84, has been appointed

General Manager of Agincourt Productions Limited, a video duplicating company.

Lynn Fowler, BA/84, is assistant to the Hon. Steve Paproski, PC MP, Edmonton North.

Mark R.W. Goebel, MA/84, and **Kimberley** are pleased to announce the birth of their first child, Kyle Michael Roy, on November 1, 1986. Mark completed the "Specialist" qualification course in instrumental music at the Faculty of Education at the University of Toronto in July 1986.

Lana Haight (Fulton), BJ/84, married Jeff Haight in December 1984. Lana worked as a reporter for CBC-TV for two-and-a-half years. She is now working as communications officer at University Hospital in Saskatoon.

Brian Hearnden, BAHons/84, MA/86, has been studying in London, England at the London School of Economics and Political Science for a PhD in diplomatic history, since October 1, 1986.

Susan Jones (Findlay), BJ/84, married Duane Jones on July 5, 1986. Susan was Community Editor with *Ottawa Revue* and is now Vice-President of Bicycle Revival Ltd., a store which her husband owns.

J.H. Reginald Kirkey, BA/84, BAHons/86, is employed as general manager of Cornwall Honda.

Daphne Lavers, MJ/84, BA (Waterloo), is now editor of the *Broadcaster*. Formerly, she was the editor of *Electronic Age* and former assistant editor of *Cable Communications Magazine*.

Gary Poole, BSc/84, employs four lab technicians in GMK Company. The company analyses and researches environmental pollutants. He is married and has two children. They are living in the Metcalfe area in Ontario.

Bennett Schaub, BJ/84, is publisher of *Signal*, a satellite communications technical journal. He organized Satellite Symposium '86, a national trade show and conference held in Toronto last June where he was elected secretary-treasurer of the Satellite Communications Association of Canada.

Shari Schwartz, BJ/84, is living in Toronto where she is working as a freelance fashion and electronics writer. She has been appointed Director of Communications for Visage Cosmetics Ltd.

Walter Strash, BScHons/84, is in his third year of medical studies at the Pennsylvania College of Podiatric Medicine. After his fourth year he hopes to do a surgical residency in the United States and then return to Ottawa to practise. He recently became engaged to Nancy David of Ottawa.

85

Peter Bleyer, BAHons/85, was awarded the Robert MacKenzie Canadian Scholarship to pursue graduate studies at the London School of Economics leading to a degree of MPhil, PhD in government studies.

Eileen Burnside (Kenkel), BEng/85, married Michael Burnside of Toronto in May 1986.

Bruce Carruthers, BEng/85, married **Maureen (Harris)**, BA/84, in June 1984. They are pleased to announce the birth of their first child, Jonathan Robert, on July 12, 1986. Bruce is working as a Design Engineer at Leigh Instruments.

Gordon Collings, BEng/85, married **Isabel (Pareta)**, BA/82, in December 1984. Gordon is an engineer with DeHavilland Aircraft of Canada Ltd. (a division of Boeing).

Hilary Curran, BAHons/85, graduated from Queen's University with a Master's degree in public administration. She is working in Ottawa with the Department of National Defence.

Joan Louise Dubois (McCarthy), BA/85, married Jean-Marc Dubois on November 14, 1986. Joan is the daughter of **Lorna**, BA/80, and **William** (BAHons, Queen's) McCarthy. Joan and Jean-Marc are living in Paris, France, where Joan is studying at Sorbonne University.

Diane Duncan, BAHons/85, is participating in a two-year Agricultural Leadership course and is project coordinator for the Mississippi Valley Textile Museum.

Leslie Fulton, BJ/85, is working as a senior researcher in policy development for the Ontario Progressive Conservative Caucus at Queen's Park in Toronto. Prior to this she worked as a reporter for *The Toronto Star* and travelled in Europe for two months.

Kevin R. Harris, BCom/85, married **Marni Gowan** in August 1985. He is completing his second year of the MBA program at the University of Barcelona in Spain.

Frank H. Hogan, BAHons/85, is a second-year law student at the University of New Brunswick. He was awarded a \$1,000 scholarship by the New Brunswick branch of the Canadian Bar Association.

Sheri King, BPA/85, went to Queen's University for a Master's of Industrial Relations. She moved to Sydney, Nova Scotia in August 1986 to work as Employee Relations Officer of the Cape Breton Development Corporation.

Patricia Laplante, BSc/85, is working in the field of clinical research with a major pharmaceutical company in Toronto.

Mary Janice D. Ryan, MA/85, is Director of Volunteers for Hospice of Saint John Inc. in Saint John, New Brunswick. She is very pleased to be able to play a role in the palliative care movement.

Susan Suen, BA/85, sends greetings and best wishes from Hong Kong.

Roger Theriault, BA/85, moved to Vancouver in the Fall of 1985. He began working for Epic Data Inc. as a software engineer on September 2, 1986.

Kerri Tully, BAHons/85, BEd (Western), is a Grade Three French immersion teacher at Brisbane Public School. She is living in Guelph.

Zeke Vasiljev, BJ/85, worked as a public relations/advertising writer in West Germany after graduation. In March 1986, he joined Big Eight accounting firm Touche Ross as a writer (communications) in Toronto. He sends best wishes to all of his former classmates and professors.

Joanne Margaret Zimbalatte, BA/85, is teaching with the Carleton Separate School Board in Ottawa.

86

Grant Armstrong, BA/86, was the recipient of the Imperial Oil scholarship and is continuing his studies at Carleton.

Sherilyn Ann Bergwerff, BA/86, is employed by Canada Trust in Ottawa.

Chris Carriere, BAHons/86, is employed by the Federal Department of Mines in Ottawa as a translator.

Elaine Clayton, BA/86, is attending Algonquin College in Ottawa.

David Craibley, BA/86, is the instructor/trainer of the Work Orientation Workshop program in Medicine Hat.

Jane Alexandra Gordon, MA/86, BAHons/84 (Queen's), is attending Queen's University in the Faculty of Education.

Noreen Halpern, BA/86, is studying theatre arts at York University.

Debbie Hartin, BCom/86, is working at Turpin Motors in the Accounting Department.

Hiroaki Kato, PhD/86, BA/77, MA/80 (Keio University, Tokyo), was appointed Assistant Professor of Political Science, Osaka University of Economics, Osaka, Japan.

John Hodgson, BAHons/86, is working with the Ottawa Police Department.

Dwight D.M. Lander, BArch/86, is employed by the firm of Neish, Owen, Roland and Roy in Toronto.

Marc Lavergne, BCS/86, is working at Bell Northern Research in Ottawa.

Jeff Morris, BA/86, has joined the family printing and publishing business in marketing and is continuing his studies at Carleton.

Rhonda M. Noonan, BA/86, is studying at Humber College taking a one-year post graduate course in public relations.

Monique R. Partridge, BA/86, is teaching Grade Four at First Avenue School in Ottawa.

Melanie Pearse, BJ/86, is working with the editorial staff of the *Peace River Record-Gazette* in Alberta.

Dino Radocchia, MA/86, has been appointed research associate with the Centre for International and Strategic Studies at York University. He is working on issues of nuclear energy, non-proliferation and Canada-U.S. energy trade.

Joan Roscoe, BA/86, is program executive director of West Nepean Seniors' Home Support system.

Carolyn Sadler, BCom/86, is employed by the chartered accountant firm of Coopers and Lybrand. She is working towards her C.A. designation.

Kathryn Savage, BArch/86, and **Claude Fortier** are pleased to announce the birth of a daughter, **Sara Fortier**, on October 2, 1986.

Dianne F. Smith, BMus/86, spent six weeks at Chautauqua Institute in New York this summer on a music scholarship.

Valerie Stanley, MSW/86, BSW (Laurentian), is employed at Canadore College in North Bay as a Counsellor. She is the Coordinator and Educator of the North Bay Sexual Assault and Education Centre.

Darlene Stewart, BA/86, is continuing private studies leading to a piano teaching degree.

Debbie Sturkenboom, BA/86, is at the University of Ottawa in the education program.

Allan Thompson, BJ/86, is the first recipient of the Gordon Sinclair Journalism Fellowship. He will use the \$10,000 bursary to study international relations at the University of Kent at Canterbury in England.

Mark Tremblay, BA/86, has been appointed editor of the Life Today department of the *Calgary Herald*.

Vicki VanAlstine, BAHons/86, worked as a counsellor with the Pembroke and District Association for the Mentally Retarded and has returned to school.

Eileen Vilis (Chisholm), MA/86, is now residing in England.

William Watts, BEng/86, is a commissioned officer in the Canadian Air Force. He is continuing pilot training on the CT114 training jet in Moose Jaw.

News & Moves

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